

File 348:EUROPEAN PATENTS 1978-2003/Oct W01

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File 349:PCT FULLTEXT 1979-2002/UB=20031009,UT=20031002

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Set	Items	Description
S1	771919	RANK??? ? OR WEIGH??? ? OR RATE OR RATES OR RATING? OR RATED OR SCORE OR SCORES OR SCORED OR SCORING? OR VALUATION?
S2	7739	PRIORITIS? OR PRIORITIZ?
S3	74439	SORT OR SORTS OR SORTED OR SORTING?
S4	224210	S1:S2(2N)(HIGH??? ? OR ELEVAT? OR INCREAS?)
S5	8488	S1:S3(3N)(DOCUMENT? ? OR RECORD? ?)
S6	7299	S1:S3(3N)(PUBLICATION? ? OR FILE OR FILES OR FOLDER? ? OR -REPORT? ? OR MESSAGE OR MESSAGES)
S7	8381	S1:S3(3N)OBJECT? ?
S8	818547	BEHAVIOR? ? OR BEHAVIOUR? ? OR ACTION? ? OR REACTION? OR REACTING? OR ACT OR ACTS OR ACTED OR REACT? ? OR REACTED OR REACTING
S9	1141083	VIEW OR VIEWS OR VIEWED OR VIEWING OR CLICK??? ? OR LOOK?? ? OR SEEN OR DISPLAY? OR SELECT OR SELECTS OR SELECTED OR SELECTION? OR SELECTING
S10	270510	CHOSE? ? OR CHOOS??? ?
S11	171103	S8:S10(3N)(USER? ? OR SEARCHER? OR CLIENT? ? OR SUBSCRIBER? OR REQUEST?R? ? OR CONSUMER? OR CUSTOMER? OR PATRON? ? OR INDIVIDUAL? ? OR PERSON? ? OR PARTICIPANT? OR MEMBER? ?)
S12	24144	S1:S3(3N)(TERM OR TERMS OR WORD OR WORDS OR TERMINOLOG? OR PHRASE OR PHRASES OR TEXT? ? OR LEXEME? ? OR MORPHEME? ?)
S13	464	S11(20N)S5:S7
S14	16	S13/TI,AB
S15	276	S11(10N)S5:S7
S16	3764	IC='G06F-007'
S17	12180	IC='G06F-017/30':IC='G06F-017/31'
S18	19347	IC='G06F-017/60':IC='G06F-017/61'
S19	2	S15 AND S16
S20	71	S15 AND S17
S21	6	S20 AND S18
S22	33	S13(20N)S4
S23	17	S13(20N)S12
S24	7	S13(20N)(VECTOR? ? OR MATRIX? OR MATRICE? ?)
S25	17	S22 AND S16:S18
S26	58	S19 OR S21:S25
S27	56	S26 NOT S14
S28	56	IDPAT (sorted in duplicate/non-duplicate order)
S29	55	IDPAT (primary/non-duplicate records only)

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? t14/5/2

14/5/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01457121
AN ADAPTIVE DOCUMENT RANKING METHOD BASED ON USER BEHAVIOR
PROCEDE ADAPTATIF DE CLASSEMENT DE DOCUMENTS FONDE SUR LE COMPORTEMENT DES
UTILISATEURS

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date):

WO 2002061628 020808

APPLICATION (CC, No, Date): EP 2002703292 020129; WO 2002US2717 020129

PRIORITY (CC, No, Date): US 775715 010201

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 021002 A1 International application. (Art. 158(1))

Application: 021002 A1 International application entering European
phase

LANGUAGE (Publication,Procedural,Application): English; English; English

? t14/5,k/3,5,7-16

14/5,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00885642

Document retrieval system

System zum Wiederauffinden von Dokumenten

Systeme de recouvrement de documents

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 810535 A2 971203 (Basic)

EP 810535 A3 990421

APPLICATION (CC, No, Date): EP 97108617 970528;

PRIORITY (CC, No, Date): JP 96156418 960529; JP 9787328 970324

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/30;

ABSTRACT EP 810535 A2

A document retrieval system for searching a document coinciding with a retrieval request the user inputs and further ranking the document in accordance with the degree of coincidence between the document and the retrieval request. In the document retrieval system, a word frequency calculating section finds out the number of documents where a word appears, a frequency of occurrence of the word in a document and obtains a weighting parameter for the word, and a frequency score calculating section obtains a frequency score on the basis of the output of the word frequency calculating section. In addition, a word cooccurrence relation checking section checks word cooccurrence relations of the retrieval request and the document, and a cooccurrence score calculating section calculates a cooccurrence score from the degree of coincidence therebetween. A document score calculating section calculates a document score on the basis of the frequency score and the cooccurrence score.

The documents are ranked in order of document score and displayed to the user.

ABSTRACT WORD COUNT: 165

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 020102 A2 Date of dispatch of the first examination report: 20011119
Application: 971203 A2 Published application (A1with Search Report ;A2without Search Report)
Examination: 971203 A2 Date of filing of request for examination: 970528
Search Report: 990421 A3 Separate publication of the European or International search report

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9711W4	3394
SPEC A	(English)	9711W4	14944
Total word count - document A			18338
Total word count - document B			0
Total word count - documents A + B			18338

...ABSTRACT section calculates a document score on the basis of the frequency score and the cooccurrence score. The documents are ranked in order of document score and displayed to the user.

14/5,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00396963

Search and retrieval system.

Such- und Wiederauffindungssystem.

Système de recherche et de resaisie.

PATENT ASSIGNEE:

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AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

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LEGAL REPRESENTATIVE:

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Holborn, London EC1N 2JT, (GB)

PATENT (CC, No, Kind, Date): EP 380239 A2 900801 (Basic)
EP 380239 A3 920415

APPLICATION (CC, No, Date): EP 90300543 900118;

PRIORITY (CC, No, Date): US 298366 890118; US 336963 890412; US 436146
891113

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: G06F-015/40; G06F-015/401; G06F-015/403;
G06F-015/411;

CITED PATENTS (EP A): EP 32194 A

CITED REFERENCES (EP A):

ONLINE vol. 9, no. 4, July 1985,
ANN ARBOR, US pages 38 - 42; M.P. HOLLAND: 'ZyINDEX: full text
retrieval power';

ABSTRACT EP 380239 A2

A text search and retrieval system which builds an index representing every word in stored files created by a variety of applications, searches for requested words using the index and **ranks** the **files** based on the relative strength of match with the search request. From a display of the ranked filenames, the **user** can **select** a file, whereupon the file is tested to determine which one of a plurality of file viewers to deploy. The corresponding viewer is automatically loaded and used to display consecutive screens of information from the selected file. Further searching within the file is accomplished within the context of the viewer by matching character strings of a new search request with words in the items of the file produced by the viewer. To work on a file in view, the user can invoke the software application which created the file by loading the application corresponding to the viewer along with the desired file, without abandoning the search system. (see image in original document)

ABSTRACT WORD COUNT: 170

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 900801 A2 Published application (A1with Search Report
;A2without Search Report)

Search Report: 920415 A3 Separate publication of the European or
International search report

Examination: 921223 A2 Date of filing of request for examination:
921009

Withdrawal: 950419 A2 Date on which the European patent application
was withdrawn: 950215

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1145
SPEC A	(English)	EPABF1	5994
Total word count - document A			7139
Total word count - document B			0
Total word count - documents A + B			7139

...ABSTRACT files created by a variety of applications, searches for requested words using the index and **ranks** the **files** based on the relative strength of match with the search request. From a display of the ranked filenames, the **user** can **select** a file, whereupon the file is tested to determine which one of a plurality of...

DIALOG(R)File 349:PCT FULLTEXT
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00953011 **Image available**

**METHOD AND ARRANGEMENT FOR MANAGING INFORMATION IN A COMMUNICATION DEVICE
PROCEDE ET DISPOSITIF PERMETTANT DE GERER LES INFORMATIONS DANS UN
DISPOSITIF DE COMMUNICATION**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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FI (Residence), US (Nationality), (Designated only for: US)
NIEMINEN-SUNDELL Riitta, Keiteleentie 1 D 34, FIN-00550 Helsinki, FI, FI
(Residence), FI (Nationality), (Designated only for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200287199 A1 20021031 (WO 0287199)

Application: WO 2001FI392 20010424 (PCT/WO FI0100392)

Priority Application: WO 2001FI392 20010424

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04M-003/38

International Patent Class: H04Q-003/72

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4194

English Abstract

The invention generally relates to managing communications in a communication device. Especially the invention concerns **prioritising** the communications. The **objects** of the invention are achieved by determining a priority value to counterparts of communication (101) and by allowing the **user** to **select** a priority level or "mode" (102). The information relating to the counterparts are processed or given to the user on the basis of the priority value and the mode (106, 109, 120). The user can easily change the currently applied mode and thus adjust the information flow to be suitable for each situation (102, 110). The counterpart may be either a recipient or a source of communication. The invention is advantageously applied in mobile communicators.

French Abstract

La presente invention concerne generalement la gestion des communications dans un dispositif de communication et se rapporte en particulier a l'etablissement de priorites dans les communications. A cet effet, on determine une valeur de priorite pour les parties a une communication (101) et on permet a l'utilisateur de choisir un niveau ou <= mode >= de priorite (102). Les informations relatives aux parties sont traitees ou donnees a l'utilisateur sur la base de la valeur de priorite et du mode (106, 109, 120). L'utilisateur peut facilement modifier le mode en cours et ajuster de la sorte le flux d'informations en fonction de chaque

situation (102, 110). La partie a la communication peut etre le destinataire ou la source de la communication. L'invention trouve une application avantageuse dans les dispositifs de communication mobile.

Legal Status (Type, Date, Text)

Publication 20021031 A1 With international search report.

English Abstract

The invention generally relates to managing communications in a communication device. Especially the invention concerns **prioritising** the communications. The **objects** of the invention are achieved by determining a priority value to counterparts of communication (101) and by allowing the **user** to **select** a priority level or "mode" (102). The information relating to the counterparts are processed or...

14/5,K/8 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00927550 **Image available**

AN ADAPTIVE DOCUMENT RANKING METHOD BASED ON USER BEHAVIOR
PROCEDE ADAPTATIF DE CLASSEMENT DE DOCUMENTS FONDE SUR LE COMPORTEMENT DES UTILISATEURS

Patent Applicant/Assignee:

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Legal Representative:

LOHSE Timothy W (agent), Gray Cary Ware & Freidenreich LLP, Patent
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200261628 A1 20020808 (WO 0261628)

Application: WO 2002US2717 20020129 (PCT/WO US0202717)

Priority Application: US 2001775715 20010201

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4266

English Abstract

A user behavior based docuemnt ranking system may include a search server computer (22) that is connected by a computer network (24) to one or more web sites (26) including WS1,...WSn. The server computer (22) may include one or more cental processing units (30) that control the operation of the computer, a persistent storage device (32) that maintains data even when the power is turned off to the computer and a temporary memory (34). The memory (34) is loaded with a particular software application such as the search engine (36). The user computer (28) may include a display

device (40), a chassis (42), a keyboard (44), a mouse (46). The chassis (42) may include a central processing unit (48), persistent storage device (40), and a memory (52). A method permits prior user behavior associated with a document to affect the future ranking of that document .

French Abstract

L'invention concerne un systeme de classement de documents fonde sur le comportement d'un utilisateur pouvant comprendre un ordinateur serveur de recherche (22) lequel est connecte par l'intermediaire d'un reseau informatique (24) a un ou plusieurs sites webs (26), a savoir WS1,...WSn. L'ordinateur serveur (22) comprend une ou plusieurs unites centrale de traitement (30) qui commande(nt) le fonctionnement de l'ordinateur, un dispositif de stockage permanent (32) qui conserve des donnees meme lorsque l'ordinateur est mis hors tension et une memoire temporaire (34). La memoire (34) est chargee au moyen d'une application logicielle particuliere tel que celle basee sur un moteur de recherche (36). L'ordinateur utilisateur (28) comprend un dispositif d'affichage (40), un chassis (42), un clavier (44), une souris (46). Le chassis (42) comprend une unite centrale de traitement (48), un dispositif de stockage permanent (40), et une memoire (52). L'invention concerne egalement un procede permettant au comportement d'un utilisateur anterieur associe a un document d'affecter le classement futur de ce document.

Legal Status (Type, Date, Text)

Publication 20020808 A1 With international search report.

Examination 20021017 Request for preliminary examination prior to end of 19th month from priority date

AN ADAPTIVE DOCUMENT RANKING METHOD BASED ON USER BEHAVIOR

English Abstract

...processing unit (48), persistent storage device (40), and a memory (52). A method permits prior user behavior associated with a document to affect the future ranking of that document .

14/5,K/9 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00903246 **Image available**

INTEGRATING SEARCH, CLASSIFICATION, SCORING AND RANKING

INTEGRATION DE RECHERCHE ET DE CLASSIFICATION: RESULTAT ET CLASSEMENT

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200237328 A2-A3 20020510 (WO 0237328)
Application: WO 2001IL942 20011011 (PCT/WO IL0100942)
Priority Application: US 2000690307 20001017
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 6624

English Abstract

A system for obtaining a composite score of documents that includes a user interface for providing a composite query that includes a free-text query component and a category component and obtain documents that meet the composite query. The system further includes a processor for calculating a non-Boolean score of the document according to each one of the components. The processor is further configured to combine the scores so as to obtain a composite score, **displaying** through the **user** interface the **documents** associated with said **score**, possibly sorted by the scores.

French Abstract

L'invention concerne un systeme permettant d'obtenir un resultat combine de documents. Ce systeme comprend une interface utilisateur permettant de proceder a une interrogation combinee composee d'un element d'interrogation en forme libre et d'un element de categorie, et d'obtenir des documents repondant a l'interrogation combinee. Ce systeme comprend egalement un processeur permettant de calculer un resultat non-booleen en fonction de chacun des elements. De plus, le processeur est concu pour combiner les resultats de maniere a obtenir un resultat combine et pour afficher, via l'interface utilisateur, les documents associes audit resultat et eventuellement classes par ces resultats.

Legal Status (Type, Date, Text)

Publication 20020510 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20030904 Late publication of international search report
Republication 20030904 A3 With international search report.

English Abstract

...processor is further configured to combine the scores so as to obtain a composite score, **displaying** through the **user** interface the **documents** associated with said **score**, possibly sorted by the scores.

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DIALOG(R)File 349:PCT FULLTEXT
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00787801

COMPETITIVE INFORMATION MANAGEMENT SYSTEM
SYSTEME DE GESTION D'INFORMATIONS COMPETITIF

Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200120497 A2 20010322 (WO 0120497)

Application: WO 2000US25003 20000912 (PCT/WO US0025003)

Priority Application: US 99394244 19990913; US 99451593 19991130

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 48531

English Abstract

A competitive information management system is provided which perform one or more of the following functions: (a) finds documents for a user to review based on information provided to the system by the user; (b) record information regarding the user's use of the data management system; (c) **sorts documents** based on their anticipated relevance to the user using information recorded into the system by the **user**; (d) **display** groups of documents in various display formats to assist the user to visualize functional interrelationships between different pieces of intellectual property in the group; (e) maintains a database containing documents and various forms of information associated with each document; (f) hunts for new documents or new pieces of information associated with each document; (g) alerts users when new documents or new pieces of information which are anticipated to be relevant to the user are identified; and (h) creates customized reports involving the documents identified by the above processes, and optionally information recorded into the system by the user.

French Abstract

L'invention concerne un systeme de gestion d'informations competitif qui execute au moins une des fonctions suivantes: (a) trouver des documents a examiner par un utilisateur sur la base des informations qu'il a fournies au systeme; (b) enregistrer les informations concernant l'emploi par l'utilisateur du systeme de gestion de donnees; (c) trier les documents sur la base de leur pertinence anticipee pour l'utilisateur au moyen des informations qu'il a enregistrees dans le systeme; (d) afficher les groupes de documents dans differents formats d'affichage afin d'aider l'utilisateur a visualiser les relations fonctionnelles entre les differentes pieces de propriete intellectuelle au sein du groupe; (e) tenir a jour une base de donnees renfermant des documents et differentes formes d'informations associees a chaque document; (f) rechercher de nouveaux documents ou de nouvelles pieces d'informations associees a chaque document; (g) aviser les utilisateurs lorsque de nouveaux documents ou de nouvelles pieces d'informations juges pertinents pour eux ont ete identifies; et (h) creer des rapports personnalises associant les documents identifies par les processus susmentionnes et eventuellement les informations enregistrees dans le systeme par l'utilisateur.

Legal Status (Type, Date, Text)

Publication 20010322 A2 Without international search report and to be
republished upon receipt of that report.

Examination 20010802 Request for preliminary examination prior to end of
19th month from priority date

English Abstract

...user; (b) record information regarding the user's use of the data
management system; (c) **sorts documents** based on their anticipated
relevance to the user using information recorded into the system by the
user ; (d) **display** groups of documents in various display formats to
assist the user to visualize functional interrelationships...

14/5,K/11 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00783260 **Image available**

**AN INTERNET SEARCH SYSTEM FOR TRACKING AND RANKING SELECTED RECORDS FROM A
PREVIOUS SEARCH**

**SYSTEME DE RECHERCHE DANS L'INTERNET SERVANT AU SUIVI ET AU CLASSEMENT
D'ENREGISTREMENTS CHOISIS, A PARTIR D'UNE RECHERCHE PRECEDENTE**

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DK DM DZ EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

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Detailed Description

Claims

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English Abstract

A system and method that enable Internet **users** to access **selected**
records retrieved from results set (510) that are derived from earlier
search queries. The invention tracks and **ranks selected records**
that **users** deemed valuable to a search query. When an Internet user
submits a search query (400), the system creates three distinct but
related queries for searching all accessible web sites, a collection

database (512) and a rank database (514). The collection database includes a list of collections, i.e., records that other users deem relevant to a search topic and that are selected from result sets derived with earlier search queries; the collection is organized in a folder/file based hierarchical format. The rank database includes Uniform Resource Locators (URLs) for identifying web sites that are bookmarked by other users. Each record in the collection and rank databases has an associated score that is used to organize records retrieved from those databases. Thus, when the user submits a search query to the system, it returns selected records from the collection and rank databases, in addition to other related web sites from the Internet.

French Abstract

L'invention concerne un systeme et un procede permettant a des utilisateurs de l'Internet d'acceder a des enregistrements choisis, extraits a partir d'ensembles de resultats (510) derives de demandes de recherches precedentes. L'invention permet le suivi et le classement des enregistrements choisis et consideres comme precieux, par les utilisateurs, lors d'une demande de recherche. Lorsqu'un utilisateur de l'Internet soumet une demande de recherche (400), le systeme cree trois demandes distinctes mais apparentees, aux fins de recherche dans tous les sites du Web accessibles, dans une base de donnees rassemblees (512) et dans une base de donnees classees (512). La base de donnees rassemblees comprend une liste des donnees rassemblees, a savoir des enregistrements que d'autres utilisateurs considerent comme pertinents dans une rubrique de recherche et qui sont choisis a partir d'ensembles de resultats derives au moyen de demandes de recherches precedentes. Les donnees rassemblees sont organisees en format hierarchique constitue de dossiers/fichiers. La base de donnees classees comprend des URL (adresses uniformisees de ressource) servant a identifier des sites Web qui ont ete mis en signet par d'autres utilisateurs. Chaque enregistrement dans les bases de donnees rassemblees et classees possede une notation qui lui est associee et qui est utilisee pour organiser des enregistrements extraits de ces bases de donnees. Ainsi, lorsque l'utilisateur soumet une demande de recherche au systeme, celui-ci renvoie des enregistrements choisis a partir des bases de donnees rassemblees et classees, en plus de ceux de sites Web apparentes, a partir de l'Internet.

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English Abstract

A system and method that enable Internet **users** to access **selected** records retrieved from results set (510) that are derived from earlier search queries. The invention tracks and **ranks selected records** that **users** deemed valuable to a search query. When an Internet user submits a search query (400...

14/5,K/12 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00783259 **Image available**

AN INTERNET SEARCH SYSTEM FOR RETRIEVING SELECTED RESULTS FROM A PREVIOUS SEARCH

SYSTEME DE RECHERCHE PAR INTERNET PERMETTANT DE RETROUVER DES RESULTATS CHOISIS D'UNE RECHERCHE ANTERIEURE

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Legal Representative:

FLIESLER Martin C (agent), Fliesler Dubb Meyer and Lovejoy LLP, Suite
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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 99386352 19990831

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DK DM DZ EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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Main International Patent Class: G06F-017/30

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6205

English Abstract

A system and method that enable Internet **users** to access **selected** records retrieved from result sets (510) that are derived from earlier search queries. The invention tracks and **ranks** selected **records** by creating multiple queries for searching multiple accessible web sites, a collection database (512), and a rank database (514).

French Abstract

La presente invention concerne un systeme et un procede permettant aux utilisateurs Internet d'accéder a des articles selectionnés provenant d'ensembles de resultats (510) deduits de requetes de recherche anterieures. Pour faire la remontee et le classement des articles choisis, l'invention consiste a creer, d'une part plusieurs requetes permettant une recherche sur plusieurs sites web accessibles, d'autre part une base de donnees de collecte (512), et enfin une base de donnees de classement (514).

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event of the receipt of amendments.

English Abstract

A system and method that enable Internet **users** to access **selected** records retrieved from result sets (510) that are derived from earlier search queries. The invention tracks and **ranks** selected **records** by creating multiple queries for searching multiple accessible web sites, a collection database (512), and...

14/5,K/13 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00767610 **Image available**

ELECTRONIC CLASSIFICATION AND SEARCHING SYSTEMS AND METHODS
CLASSIFICATION ELECTRONIQUE, SYSTEMES ET PROCEDES DE RECHERCHE

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Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY
CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility
model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (utility
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(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

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Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6536

English Abstract

The present invention is a method of classifying and retrieving information from a database, including the steps of providing a database of object keys, providing a query, comparing the query to the database to obtain at least one selected object key, and obtaining an output comprising at least one selected object key. The comparing preferably includes the use of a mask in order to select object keys in the database that correspond to the query. The selected **object** keys can be **ranked** based on the query and **displayed** in a **user**-friendly format.

French Abstract

Dans la presente invention on constate que les procedes de recherche et les articles de fabrication couramment utilises, particulierement sur l'Internet, souffrent d'une selection pauvre et incomplete concernant l'information recuperee. Il existe donc un besoin pour des procedes de recherche et des articles de fabrication plus efficaces. La presente invention concerne une classification electronique et des systemes de recherche permettant de satisfaire ces besoins. Une realisation de l'invention se rapporte a une cle objet comprenant au moins deux des elements suivants: un code champ unique, un code champ support, un code champ attribut et un code proprietaire. La cle objet peut contenir une information supplementaire telle qu'un code http, un code URL, un code URI, un code texte, un code graphique, un code precision et un code proprietaire. Une autre realisation de l'invention concerne un procede de fabrication d'une cle objet qui consiste a obtenir une information a partir d'un formulaire et a convertir cette information en un format lisible par machine. Le formulaire existe de preference sous une forme standard qui, par exemple, peut etre remplie et soumise par un

fournisseur d'information. L'information se trouve de preference sous un format lisible par machine formant par lui-meme l'objet cle. D'autres realisations concernent une cle objet obtenue a l'aide du procede de la presente invention, ainsi qu'une composition de matiere comprenant deux ou plusieurs cles objet. Les cles objets peuvent etre sous forme de format lisible par machine et sous forme d'une base de donnees. Une autre realisation de la presente invention concerne un procede de recherche d'une base de donnees qui consiste a mettre en oeuvre une base de donnees de cles objet, a effectuer une requete et a comparer la requete a la base de donnees. La comparaison comprend, de preference, l'utilisation d'un masque de maniere a selectionner, dans la base de donnees, des cles objet qui correspondent a la requete. Une autre realisation de la presente invention concerne un procede de recuperation de l'information a partir d'une base de donnees consistant a mettre en oeuvre une base de donnees de cles objet, a effectuer une requete, a comparer la requete a la base de donnees afin d'obtenir au moins une cle objet selectionnee, et a obtenir une sortie comprenant au moins la cle objet selectionnee. Les cles objet selectionnees peuvent etre ordonnees selon la requete puis affichees. L'affichage est, de preference, realise sous un format convenant a l'utilisateur. Une autre realisation de la presente invention concerne une composition comprenant au moins une cle objet recuperee au moyen d'un procede de l'invention. Une autre realisation de l'invention concerne un procede de fabrication d'une composition, d'un compose ou d'un article de fabrication consistant a mettre en oeuvre un systeme de fabrication d'une composition, d'un compose ou d'un article de fabrication, a mettre en oeuvre une base de donnees de cles objet qui contient des cles objets se rapportant aux objets utilises ou censes etre utilises dans la fabrication de la composition, du compose, ou de l'article de fabrication, a rechercher la base de donnee des cles objet, a obtenir une sortie de recherche comprenant au moins une cle objet, a selectionner au moins une cle objet dans la sortie afin d'obtenir une cle objet selectionnee. Une autre realisation de la presente invention concerne un article de fabrication obtenu au moyen du procede de l'invention. Une autre realisation de la presente invention concerne un procede permettant de realiser des affaires consistant a realiser une base de donnees de cles objet qui correspondent aux marchandises ou aux services proposes par au moins un fabricant ou un distributeur, a presenter a des clients au moins cette base de donnees de ce fabricant ou distributeur, a obtenir u

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 Search Rpt 20010719 Late publication of international search report
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English Abstract

...order to select object keys in the database that correspond to the query. The selected **object** keys can be **ranked** based on the query and **displayed** in a **user** -friendly format.

14/5,K/14 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00762431 **Image available**

METHOD FOR DEDUCING LEVEL OF INTEREST IN INFORMATION STRUCTURES VIA ANNOTATIONS

PROCEDES PERMETTANT DE DEDUIRE DES NIVEAUX D'INTERET DANS DES STRUCTURES
D'INFORMATION VIA DES ANNOTATIONS

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Priority Application: US 99327915 19990608

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Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5163

English Abstract

A method for deducing user interest in, and the valuation of, specific pieces of information presented to a user within an information structure. Such information structures include, for example, websites and webpages. The textual and graphical objects on a webpage are associated with an area for adding annotations that pertain to the objects. The **user selects**, or highlights, certain objects and enters annotations in the appropriate area. Thereafter, a level of interest (or **valuation**) of an **object**, a set of objects, or an information structure can be deduced from the annotations. This level of interest can be used to develop a model of a particular user or group of users. A pattern of progression through a set of information can also be developed. The model or pattern can be used to direct subsequent presentation of information to the user. The relative valuation of the information might be used to direct further development (or editing) of the content of a website. The annotations can also be searched and used to present hierarchical layouts of information according to such search criteria.

French Abstract

L'invention concerne un procede permettant de deduire l'interet d'un utilisateur pour des informations specifiques et d'evaluer ces informations presentees a un utilisateur dans une structure d'information, laquelle comporte, par exemple, des sites et des pages Web. Les objets textuels et graphiques situes d'une page Web sont associes a une zone destinee a l'inscription d'annotations concernant ces objets. L'utilisateur choisit ou met en evidence certains objets, puis il introduit des annotations dans la zone correspondante. Il est ensuite possible de deduire, a partir de ces annotations, le niveau d'interet (ou l'evaluation) d'un objet, d'une serie d'objets ou d'une structure d'information. Ce niveau d'interet peut servir a developper un modele d'un utilisateur ou d'un groupe d'utilisateurs particuliers. Il est egalement possible de developper un modele de progression via une serie d'informations. Ce modele peut servir a adresser a l'utilisateur la presentation d'informations consecutive. L'evaluation relative des informations peut servir a realiser une mise a jour du developpement (ou de l'edition) du contenu d'un site Web. Lesdites annotations peuvent

egalement etre recherchees et utilisees pour presenter des dispositions d'information hierarchiques en fonction de ce type de criteres.

Legal Status (Type, Date, Text)

Publication 20001214 A2 Without international search report and to be republished upon receipt of that report.
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English Abstract

...webpage are associated with an area for adding annotations that pertain to the objects. The user selects, or highlights, certain objects and enters annotations in the appropriate area. Thereafter, a level of interest (or valuation) of an object, a set of objects, or an information structure can be deduced from the annotations. This...

14/5,K/15 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00756256 **Image available**

METHOD AND APPARATUS FOR IMPLEMENTING A VIRTUAL SHARED WORLD
PROCEDE ET APPAREIL D'INSTALLATION D'UN MONDE PARTAGE VIRTUEL

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Patent and Priority Information (Country, Number, Date):

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ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG
UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11068

English Abstract

A method and apparatus for implementing a virtual shared world using multithreaded processes on a client system. The client system includes a navigator thread, a queue manager thread, a loader queue, a background loader thread, and a rendering engine thread. The loader queue includes lot ids sorted in accordance with the highest loading priority. Each lot id entry in the loader queue references a plurality of object ids, which are sorted in accordance with the highest loading priority. The sorting software of the queue manager is continually reorganizing the loader

queue in accordance with the **user actions** and with server broadcast **messages**. The **sorting** software of the queue manager contains internal rules that help determine which objects and lots should be loaded next to allow the user to have a seamless view of the virtual world. The background loader requests lot ids and object ids from the queue manager and sends requests to the server system for the needed lot or object. As soon as the object or lot is received from the server by the background loader, it is sent to the rendering engine to be rendered on the client system.

French Abstract

L'invention porte sur un procede et un appareil permettant d'installer sur un systeme client un monde partage virtuel au moyen de traitement multifilieres. Le systeme client comprend un fil de navigateur, un fil de gestionnaire de fil d'attente, une file d'attente de chargeur, un fil de chargeur de fond et un fil de moteur de rendu. La file d'attente du chargeur comporte des noms de lots tries en fonction de la plus grande priorite de chargement. Chaque entree de nom de lot dans la file d'attente du chargeur designe une pluralite de noms d'objets qui sont tries en fonction de la priorite de chargement la plus importante. Le logiciel de tri du gestionnaire de file d'attente reorganise en permanence le chargeur en fonction des actions de l'utilisateur et des messages de diffusion du serveur. Le logiciel de tri du gestionnaire de file d'attente contient des regles internes qui aident a determiner quels sont objets et lots a charger ensuite pour permettre a l'utilisateur d'avoir une vue transparente du monde virtuel. Le chargeur de fond exige du gestionnaire de file d'attente des noms de lots et d'objets et envoie au systeme serveur les demandes concernant le lot ou objet recherche. Des reception par le chargeur de fond du lot ou objet envoye par le serveur, celui-ci est envoye au moteur de rendu pour etre renvoye au systeme client.

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English Abstract

...software of the queue manager is continually reorganizing the loader queue in accordance with the **user actions** and with server broadcast **messages**. The **sorting** software of the queue manager contains internal rules that help determine which objects and lots...

14/5,K/16 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00388611 **Image available**

PROCESS AND DEVICE FOR SORTING AND FOR EXTRACTION OF BIOLOGICAL OBJECTS ARRANGED ON PLANAR MEANS, SUCH AS BIOLOGICAL CELLS OR CELL ORGANELLES, HISTOLOGICAL SECTIONS, CHROMOSOME PARTICLES ETC. USING LASER BEAMS
PROCEDE ET DISPOSITIF POUR TRIER ET RECUPERER DES OBJETS BIOLOGIQUES DEPOSES SUR UN SUPPORT PLAT, TELS QUE DES CELLULES BIOLOGIQUES OU DES ORGANITES CELLULAIRES, DES COUPES HISTOLOGIQUES, DES PARTICULES DE CHROMOSOMES ETC., AU MOYEN DE FAISCEAUX LASER

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Patent and Priority Information (Country, Number, Date):

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Publication Language: German

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4077

English Abstract

The invention relates to a process and device for sorting and extraction of biological objects on a planar slide (2). The field of an object or the object itself which is on the slide (2) is dissected using a laser beam (6) and transferred by a laser-induced conveying process to a collector substrate (5) arranged directly above or below the slide. During dissection, the object is driven around by the laser beam (6) in a closed curve or is cut directly and automatically from the slide (2), said operation being controlled by computer. This process can be used to separate and **sort individual objects selected** from a very large number of objects. The process can also be used to separate specific cells from tissue sections.

French Abstract

L'invention concerne un procede et un dispositif pour trier et recuperer des objets biologiques sur un support plat (2). Selon ce procede, une zone autour de l'objet ou l'objet lui-meme se trouvant sur le support (2) est decoupe(e) avec un faisceau laser (6) et transfere(e) par un processus de transport induit par laser sur un substrat collecteur (5) place directement au-dessus ou au-dessous du support. Lors de l'operation de decoupage, soit le faisceau laser (6) est deplace de facon a decuire un cercle autour de l'objet, soit l'objet est decoupe directement du support (2), cette derniere operation etant commandee par ordinateur. Ce procede permet de separer physiquement et de trier des objets isolees selectionnees parmi un tres grand nombre d'objets. Ce procede peut egalement etre utilise pour isoler des cellules specifiques dans des coupes de tissus.

English Abstract

...2), said operation being controlled by computer. This process can be used to separate and **sort individual objects selected** from a very large number of objects. The process can also be used to separate...

29/5,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00883842

Hypertext document retrieving apparatus for retrieving hypertext documents
relating to each other

Hypertext-Dokumentwiederauffindungssystem zum Wiederauffinden zusammengehöriger Hypertextdokumente

Système de recouvrement de documents hypertextes pour retrouver des documents hypertexte reliés

PATENT ASSIGNEE:

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INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT EP 809197 A2

A hypertext document and anchor sentences of parent documents for the hypertext document are registered with an hypertext document identifier as document information for each of hypertext documents having reference relationships with each other. A user can refer to one hypertext document according to an anchor sentence of another hypertext document functioning as a parent document. Also, occurrence positions of one word in hypertext documents and parent documents are registered as word information for each of words. When a keyword is input, a plurality of particular hypertext documents and particular parent documents in which the keyword appears are specified according to the word information, one particular hypertext document and corresponding particular parent documents are unified to a unified hypertext document for each particular hypertext document, an occurrence frequency of the keyword in each unified hypertext document is calculated according to the document information, importance degrees of the unified hypertext documents are calculated as those of the particular hypertext documents according to the occurrence frequencies, and ranking of the particular hypertext documents are determined according to those importance degrees. Because the occurrence frequency is calculated by considering the parent documents, the particular hypertext documents can be appropriately ranked.

ABSTRACT WORD COUNT: 198

NOTE:

Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):

Search Report: 010214 A3 Separate publication of the search report

Application: 971126 A2 Published application (Alwith Search Report
;A2without Search Report)

Examination: 971126 A2 Date of filing of request for examination:

970513

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9711W3	2086
SPEC A	(English)	9711W3	14993
Total word count - document A			17079
Total word count - document B			0
Total word count - documents A + B			17079

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION HTML) in a world wide web have a referential relationship with each other is considerably **high**, the **ranking** of the particular hypertext documents cannot be appropriately determined, and the **user** cannot smoothly **select** each of the particular hypertext documents even though the particular hypertext **documents** **ranked** according to their estimated values are displayed.

SUMMARY OF THE INVENTION
An object of the...

29/5,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00823951

Browsing electronically stored information
Überfliegen von elektronisch gespeicherten Informationen
Regarder des informations stockees electroniquement
PATENT ASSIGNEE:

Hewlett-Packard Company, A Delaware Corporation, (3016020), 3000 Hanover Street, Palo Alto, CA 94304, (US), (Proprietor designated states: all)

INVENTOR:

Form, Simon, 8 Oakland Road, Redland, Bristol BS6 6ND, (GB)

LEGAL REPRESENTATIVE:

Kilgannon, Denise Mary et al (53151), Hewlett-Packard Ltd, IP Section, Building 3, Filton Road, Stoke Gifford, Bristol BS34 8QZ, (GB)

PATENT (CC, No, Kind, Date): EP 766183 A1 970402 (Basic)
EP 766183 B1 021204

APPLICATION (CC, No, Date): EP 95306950 950929;

PRIORITY (CC, No, Date): EP 95306950 950929

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/30

CITED PATENTS (EP B): EP 327931 A; EP 573922 A

CITED REFERENCES (EP B):

HIGH-SPEED NETWORKING AND MULTIMEDIA COMPUTING, SAN JOSE, CA, USA, 8-10 FEB. 1994, vol. 2188, ISSN 0277-786X, PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1994, USA, pages 287-298, XP 000565345 PARRIS C ET AL 'Network support for lossless digital image browsing'

DIGEST OF PAPERS. EIGHTH IEEE SYMPOSIUM ON MASS STORAGE SYSTEMS: EMERGING SOLUTIONS FOR DATA-INTENSIVE APPLICATIONS (CAT. NO.87CH2415-8), TUCSON, AZ, USA, 11-14 MAY 1987, ISBN 0-8186-0772-6, 1987, WASHINGTON, DC, USA, IEEE COMPUT. SOC. PRESS, USA, pages 21-26, YULE R 'A mass storage system for realtime image data caching';

ABSTRACT EP 766183 A1

A method for accessing and using stored electronic documents. The

stored documents are presented to the user in a manner which visually simulates document types that most users are familiar with, such as books. Each page of the document is divided into frames. Both the individual pages and the frames comprising them are ranked based on locational, representational and logical attributes. These rankings are called herein semantic hints. The user determines the review speed of the document, and that review speed in turn determines which frames and pages will be moved from memory into cache at any particular time, as well as determining which of the pages and frames will be either fully or partially rendered on the display.

5. The method of claim 4 wherein the user selected speed determines whether successive or preceding frames are moved from memory to the cache.

6. The method of claim 5 wherein at the third user selected speed, only successive frames are moved from the memory to the cache.

ABSTRACT WORD COUNT: 168

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Assignee: 010328 A1 Transfer of rights to new applicant:
Hewlett-Packard Company, A Delaware Corporation
(3016020) 3000 Hanover Street Palo Alto, CA
94304 US

Application: 970402 A1 Published application (A1with Search Report
;A2without Search Report)

Grant: 021204 B1 Granted patent

Examination: 020703 A1 Date of dispatch of the first examination
report: 20020527

Examination: 971126 A1 Date of filing of request for examination:
970926

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	598
CLAIMS B	(English)	200249	599
CLAIMS B	(German)	200249	631
CLAIMS B	(French)	200249	715
SPEC A	(English)	EPAB97	8746
SPEC B	(English)	200249	8392
Total word count - document A			9346
Total word count - document B			10337
Total word count - documents A + B			19683

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION working set (i.e. the part of the page or pages currently in view). The **higher** the **object rating**, the **higher** the perceived probability of the **user** wishing to **view** the object. This higher probability justifies a greater investment of resources in developing the content...

...SPECIFICATION working set (i.e. the part of the page or pages currently in view). The **higher** the **object rating**, the **higher** the perceived probability of the **user** wishing to **view** the object. This higher probability justifies a greater investment of resources in developing the content...

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00791785

USER INTERFACE FOR FULL-TEXT DOCUMENT RETRIEVAL

BENUTZERSCHNITTSTELLE FÜR EIN VOLLTEXT-DOKUMENTENSUCHSYSTEM

INTERFACE UTILISATEUR POUR LA RECHERCHE DOCUMENTAIRE D'UN TEXTE INTEGRAL
PATENT ASSIGNEE:

Koninklijke Philips Electronics N.V., (200769), Groenewoudseweg 1, 5621
BA Eindhoven, (NL), (Proprietor designated states: all)

INVENTOR:

AALBERSBERG, Ijsbrand, J., Groenewoudseweg 1, NL-5621 BA Eindhoven, (NL)

LEGAL REPRESENTATIVE:

Groenendaal, Antonius Wilhelmus Maria et al (59381), INTERNATIONAAL

OCTROOIBUREAU B.V., Prof. Holstlaan 6, 5656 AA Eindhoven, (NL)

PATENT (CC, No, Kind, Date): EP 749603 A1 961227 (Basic)

EP 749603 A3 970108

EP 749603 B1 010926

WO 9621901 960718

APPLICATION (CC, No, Date): EP 96900016 960110; WO 96IB18 960110

PRIORITY (CC, No, Date): US 371188 950111

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G06F-017/30

CITED PATENTS (EP B): EP 627691 A; US 5515488 A

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 000517 A1 Date of dispatch of the first examination
report: 20000403

Application: 961016 A International application (Art. 158(1))

Oppn None: 020918 B1 No opposition filed: 20020627

Change: 001115 A1 Title of invention (German) changed: 20000925

Grant: 010926 B1 Granted patent

Application: 961227 A1 Published application (A1with Search Report
;A2without Search Report)

Search Report: 970108 A3 Separate publication of the European or
International search report

Examination: 970319 A1 Date of filing of request for examination:
970120

*Assignee: 980826 A1 Applicant (name, address) (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200139	571
CLAIMS B	(German)	200139	555
CLAIMS B	(French)	200139	573
SPEC B	(English)	200139	5753

Total word count - document A 0

Total word count - document B 7452

Total word count - documents A + B 7452

...SPECIFICATION user to understand the significance of documents found by
a search engine in response to **actions** by the **user** applied via the
keyboard or mouse in a relevance- **ranking** , full- **text** **document**
retrieval computerized system. As described at length in the referenced
Electronic Publishing paper, a user...

29/5,K/9 (Item 9 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00754016

Non-literal textual search using fuzzy finite non-deterministic automata
Nicht wortgetreue Textauffindung mit vagen, nicht-deterministischen,
endlichen Zustandsautomaten

Recherche de texte non-litterale avec des automates vagues
non-deterministiques a etats finis

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,
Tokyo, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Hunter, Kenneth M., 151A Saturn Street, San Francisco, California 94414,
(US)

Roberts, Michael G., 950 High School Way, No. 3201, Mountain View,
California 94041, (US)

Garland, Harry T., 27555 Purissima Road, Los Altos Hills, California
94022, (US)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick
Court High Holborn, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 709788 A1 960501 (Basic)

APPLICATION (CC, No, Date): EP 95307602 951025;

PRIORITY (CC, No, Date): US 330968 941028

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/30;

ABSTRACT EP 709788 A1

Method and system for selectively retrieving information contained in
a stored document set using a metric-based or "fuzzy" finite-state
non-deterministic automaton. An automaton is constructed (501)
corresponding to a text string query, text strings are read (502) from
storage and corresponding dissimilarity values are generated (505).
Those strings resulting in values less than a given threshold are
recorded (508) and listed for the user. Dissimilarity values are
determined based on penalties associated with missing characters, extra
characters, incorrect characters, and other differences between the text
string query and a text string read from storage. (see image in
original document)

ABSTRACT WORD COUNT: 116

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 960501 A1 Published application (A1with Search Report
;A2without Search Report)

Examination: 961106 A1 Date of filing of request for examination:
960911

Examination: 990818 A1 Date of dispatch of the first examination
report: 19990701

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	689
SPEC A	(English)	EPAB96	14938
Total word count - document A			15627
Total word count - document B			0
Total word count - documents A + B			15627

...SPECIFICATION to affect the D(sub(i)) values of all document text
strings obtained from that document. The document weights may be
fixed, may be determined by certain document data, or may be determined
from user selections of retrieved text strings. Document
weights may be uniformly applied to all instances of all text strings
in that document, or...

29/5,K/12 (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00551355

Method for determining the inheritance and propagation of object attribute values.

Verfahren zur Bestimmung der Vererbung und Propagierung von Objektattributwerten.

Methode pour determiner l'heredite et la propagation de valeurs d'attributs d'objets.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Torres, Robert J., 6100 Meadowhill Drive, Colleyville, TX 76034, (US)

LEGAL REPRESENTATIVE:

de Pena, Alain (15151), Compagnie IBM France Departement de Propriete Intellectuelle, F-06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 536074 A2 930407 (Basic)

EP 536074 A3 930609

APPLICATION (CC, No, Date): EP 92480120 920828;

PRIORITY (CC, No, Date): US 771280 911003

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-009/44;

CITED REFERENCES (EP A):

E. EBEL ET AL 'Das grose Buch zu WORD f r Windows' 1990 , DATA BECKER ,
D SSELDFORF, GERMANY;

ABSTRACT EP 536074 A2

Identification of a target object within an object hierarchy is made in response to user selection. The prior attribute values for the target object are then displayed on a display device. Upon user selection, new object attribute values are generated for the target object. A propagation group for the new object attribute values is made in response to user designation of relating factors and the new object attribute values are applied to all objects within the related group. (see image in original document)

ABSTRACT WORD COUNT: 85

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 930407 A2 Published application (Alwith Search Report ;A2without Search Report)

Search Report: 930609 A3 Separate publication of the European or International search report

Examination: 931020 A2 Date of filing of request for examination: 930819

Withdrawal: 960828 A2 Date on which the European patent application was withdrawn: 960704

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPABF1	545
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SPEC A	(English)	EPABF1	3986
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Total word count - document A			4531
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Total word count - document B			0
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Total word count - documents A + B			4531
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...SPECIFICATION provide a method for defining propagation groups for

particular object attribute values without limitation of **object rank** or predefined interrelationships among objects.

The present invention provides, in response to **user** initiation, **display** of object attribute values for **objects** of **ranks** higher than a current object in the data hierarchy.

The present invention provides common response to **user** initiation, **display** of object attribute values for **objects** **ranked** below the current **object** in a data hierarchy. In response to user initiation, changes in object attribute values are...

29/5,K/14 (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00268043

Database system for parallel processor.

Datenbanksystem fur Parallelprozessor.

Systeme de base de donnees pour processeur parallele.

PATENT ASSIGNEE:

THINKING MACHINES CORPORATION, (757500), 245 First Street, Cambridge
Massachusetts 02142, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Kahle, Brewster, 38 The Fenway, Boston Massachusetts 02215, (US)
Stanfill, Craig W., 37 Lewis Road, Belmont Massachusetts 02178, (US)

LEGAL REPRESENTATIVE:

Patentanwalte Grunecker, Kinkeldey, Stockmair & Partner (100721),
Maximilianstrasse 58, D-80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 251594 A2 880107 (Basic)
EP 251594 A3 911009
EP 251594 B1 940907

APPLICATION (CC, No, Date): EP 87305461 870619;

PRIORITY (CC, No, Date): US 878532 860625

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/40;

CITED REFERENCES (EP A):

ONLINE REVIEW. vol. 8, no. 6, December 1984, NEW YORK US pages 569 - 584;
C. POUGE ET AL.: 'AN EVALUATION OF DOCUMENT RETRIEVAL FROM SERIAL FILES
USING THE ICL DISTRIBUTED ARRAY PROCESSOR '

AFIPS CONFERENCE PROCEEDINGS 1983 NATIONAL COMPUTER CONFERENCE May 16,
1983, ANAHEIM, US pages 299 - 307; E.W. DAVIS: 'APPLICATION OF THE
MASSIVELY PARALLEL PROCESSOR TO DATABASE MANAGEMENT SYSTEMS '

MINI MICRO CONFERENCE RECORD. vol. 19/5, November 8, 1983, SAN FRANCISCO,
US pages 1 - 6; P. CAVILL: 'TRANSPUTER SYSTEMS '

THE SMART RETRIEVAL SYSTEM, EXPERIMENTS IN AUTOMATIC DOCUMENT PROCESSING,
G. SALTON, EDITOR, PRENTICE-HALL, INC. 1971, NEW JERSEY, US pages 313 -
323; J.J. ROCCHIO, JR.: 'CHAPTER 14: RELEVANCE FEEDBACK IN INFORMATION
RETRIEVAL '

COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 24, no.
5, May 1981, NEW YORK US pages 297 - 298; R. NIX: 'EXPERIENCE WITH A
SPACE EFFICIENT WAY TO STORE A DICTIONARY '

COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 29, no.
12, December 1986, NEW YORK US pages 1229 - 1239; C. STANFILL ET AL.:
'PARALLEL FREE-TEXT SEARCH ON THE CONNECTION MACHINE SYSTEM ';

ABSTRACT EP 251594 A2

A method is disclosed for using a single instruction multiple data (SIMD) computer (10) which makes it possible to perform thousands of operations in parallel. The words of each document are stored by surrogate coding in tables in one or more of the processors (35) of the

SIMD computer. To determine which documents of the database contain a word that is the subject of a query, a query is broadcast from a central computer (10) to all the processors (35) and the query operations are simultaneously performed on the documents stored in each processor (35). The results of the query are then returned to the central computer (10). After all the search words have been broadcast to the processors (35) and point values accumulated as appropriate, the point values associated with each document are reported to the central computer (10). The documents with the largest point values are then ascertained and their identification is provided to the user.

ABSTRACT WORD COUNT: 162

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 880107 A2 Published application (Alwith Search Report
;A2without Search Report)
Change: 910116 A2 Representative (change)
Search Report: 911009 A3 Separate publication of the European or
International search report
Examination: 920422 A2 Date of filing of request for examination:
920224
Examination: 930519 A2 Date of despatch of first examination report:
930405
Grant: 940907 B1 Granted patent
Oppn None: 950830 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	567
CLAIMS B	(German)	EPBBF1	534
CLAIMS B	(French)	EPBBF1	616
SPEC B	(English)	EPBBF1	4276
Total word count - document A			0
Total word count - document B			5993
Total word count - documents A + B			5993

...SPECIFICATION documents stored in the central computer for the presence of one or more of those words , computes point value scores for the documents , if applicable, and identifies to the user the documents selected by this process. the user then examines the documents and informs the central computer which...

29/5,K/16 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00969930 **Image available**

A METHOD AND APPARATUS FOR PERIODICALLY DELIVERING AN OPTIMAL BATCH
BROADCAST SCHEDULE BASED ON DISTRIBUTED CLIENT FEEDBACK
PROCEDE ET APPAREIL DE DIFFUSION PERIODIQUE D'UN PROGRAMME DE DIFFUSION DE
LOT OPTIMAL BASE SUR LE RETOUR CLIENT REPARTI

Patent Applicant/Assignee:

INTEL CORPORATION, 2200 Mission College Boulevard, Santa Clara, CA 95052,
US, US (Residence), US (Nationality)

Inventor(s):

CONNELLY Jay, 3148 NW 126th Place, Portland, OR 97229, US,

Legal Representative:

MALLIE Michael J (agent), Blakely, Sokoloff, Taylor & Zafman, 7th Floor,
12400 Wilshire Boulevard, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2002104031 A1 20021227 (WO 02104031)

Application: WO 2002US17316 20020531 (PCT/WO US0217316)
Priority Application: US 2001882105 20010615
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: H04N-007/173
International Patent Class: H04N-007/16; H04H-009/00
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 22935

English Abstract

A method and system for periodically deriving an optimal batch broadcast schedule based on client demand feedback data from a distributed set of broadcast clients. The broadcast system includes an operation center that broadcasts meta-data to a plurality of client systems. The meta-data describes a plurality of pieces of content that are in consideration for upcoming broadcasts by the server. Each client receives the broadcasted meta-data from and sends back a set of client demand feedback data to the operations center, wherein the user feedback data reflects a client's interest level in at least a portion of the pieces of content. The feedback data, which typically may include ratings and/or relative rankings, may be user-generated, automatically-generated, or a combination of the two. The system then send a batch of content based on an aggregation of the feedback data in combination with available broadcast bandwidth and broadcast schedule window.

French Abstract

L'invention concerne un procede et un systeme de derivation periodique d'un programme de diffusion de lot optimal base sur des donnees de retour de demande client provenant d'un ensemble reparti de clients recevant la diffusion. Le systeme de diffusion est dote d'un centre operationnel diffusant des meta-donnees a plusieurs systemes clients. Les meta-donnees decrivent plusieurs pieces de contenu qui sont considerees pour les diffusions ulterieures par le serveur. Chaque client recoit les meta-donnees diffusees et renvoie un ensemble de donnees de retour de demande client au centre operationnel. Les donnees de retour utilisateur refletent le niveau d'interet du client dans au moins une partie des pieces de contenu. Les donnees de retour, qui peuvent generalement inclure des evaluations et/ou des classements relatifs, peuvent etre generees par l'utilisateur, generees automatiquement ou encore se presenter comme une combinaison des deux. Ce systeme envoie ensuite un lot de contenu base sur un regroupement de donnees de retour combinees a une largeur de bande de diffusion disponible et une fenetre de programmation de diffusion.

Legal Status (Type, Date, Text)

Publication 20021227 A1 With international search report.
Publication 20021227 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination 20030918 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:
Detailed Description

Detailed Description

... of the 1 5 present invention. For example, in one embodiment the user of a client system may select a switch that enables stored data files to automatically be replaced by one or more data files corresponding to higher rated pieces of content when those data files are
? t29/5,k/21-22,24,27

29/5,K/21 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00953643

SYSTEM AND METHOD FOR ADAPTING INFORMATION CONTENT FOR AN ELECTRONIC DEVICE
SYSTEME ET PROCEDE PERMETTANT D'ADAPTER UN CONTENU D'INFORMATIONS POUR UN
DISPOSITIF ELECTRONIQUE

Patent Applicant/Assignee:

NOVARRA INC, 3232 N. Kennicott Avenue, Arlington Heights, IL 60015, US,
US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)
POLONSKY Leonid, 242 Vista Court, Wilmette, IL 60091, US, US (Residence),
US (Nationality), (Designated only for: US)
WIATRAC Bruce, 2166 Muirfield Trail, Bolingbrook, IL 60490, US, US
(Residence), US (Nationality), (Designated only for: US)
HUNT Francis Edward Simon, 1507 Watkins Lane, Apt. 201, Naperville, IL
60540, US, US (Residence), AU (Nationality), (Designated only for: US)

Legal Representative:

TRIPLETT Mark W (agent), McDonnell Boehnen Hulbert & Berghoff, Suite
3200, 300 South Wacker Drive, Chicago, IL 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200287135 A2 20021031 (WO 0287135)
Application: WO 2002US13173 20020425 (PCT/WO US0213173)
Priority Application: US 2001843036 20010425; US 2001842474 20010425

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16655

English Abstract

A system and method is provided for efficiently adapting information content for an electronic device. A normalizer includes a template normalizer for matching and applying a document tree to a template tree, and applying changes to the document tree. If the template normalizer does not find an appropriate template match, an automatic normalizer is

utilized. The automatic normalizer utilizes weighting heuristics and pattern recognition with formatting rules to partition content into folders. The automatic normalizer can also utilize embedded normalization markup in the information content to assist in normalizing the information content. Information content can be represented by document object tree. A document object tree is created by storing information relating to the information content into arrays. The stored information describes a document object tree structure and tree dependencies as a mutable object.

French Abstract

L'invention concerne un systeme et un procede permettant d'adapter efficacement un contenu d'informations pour des dispositifs electroniques. Un normalisateur comprend un normalisateur de modele destine a mettre en correspondance une arborescence de documents et une arborescence de modeles, et d'appliquer des modifications a l'arborescence de documents. Si le normalisateur de modele ne trouve pas de correspondance de modele appropriee, on utilise un normalisateur automatique. Ledit normalisateur automatique utilise des connaissances heuristiques de ponderation et la reconnaissance de modeles a l'aide de regles de formatage afin de separer un contenu en dossiers. Il peut egalement utiliser une balise de normalisation incorporee dans ledit contenu d'informations afin de favoriser la normalisation du contenu d'informations. Ce contenu d'informations peut etre represente par une arborescence d'objets de documents. Ladite arborescence d'objets de documents est creee afin de stocker des informations relatives a un contenu d'informations dans des ensembles. Les informations stockees decrivent une structure arborescente d'objets de documents et des dependances arborescentes sous forme d'objet mutable.

Legal Status (Type, Date, Text)

Publication 20021031 A2 Without international search report and to be republished upon receipt of that report.
Withdrawal 20030417 Withdrawal of international application after international publication

Fulltext Availability:

Detailed Description

Detailed Description

... objects in a document more than others. The user's statistics can be used to **increase** the priority/ **weight** of an **object** in the tree in order that the **user** be **displayed** that object first.

This allows the page to be adapted to the user's tendency...

29/5,K/22 (Item 22 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00943712 **Image available**

COMPOSITION ASSISTING DEVICE

DISPOSITIF D'AIDE A LA COMPOSITION

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200277853 A1 20021003 (WO 0277853)
Application: WO 2002NZ43 20020327 (PCT/WO NZ0200043)
Priority Application: NZ 510799 20010327

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/00

International Patent Class: G10H-001/02

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5445

English Abstract

The composition assisting device of the present invention allows a user to input a melody, for example 10 melodic events, and the device outputs a series of new melodies. The new melodies have the same number of melodic events as the inputted event, but the order of the melodic events are different from the input melody. The output melodies are generated and based on a number of parameters that are set by the user. Therefore, the present invention allows a musical composer access to a set of melodies that can be used to assist the creative process of creating a musical piece.

French Abstract

Le dispositif d'aide a la composition de cette invention permet a un utilisateur d'entrer une melodie, par exemple 10 evenements melodiques, pour que ce dispositif emette en sortie une serie de nouvelles melodies. Ces nouvelles melodies possedent le meme nombre d'evenements melodiques que la melodie entree, mais l'ordre de ces evenements melodiques differe de celui de la melodie d'entree. Les melodies de sortie sont generees en fonction d'un certain nombre de parametres fixes par l'utilisateur. Ainsi, cette invention permet a un compositeur musical d'accéder a un ensemble de melodies pouvant etre utilisees en tant qu'aide dans le processus de creation d'un morceau de musique.

Legal Status (Type, Date, Text)

Publication 20021003 A1 With international search report.

Examination 20030116 Request for preliminary examination prior to end of
19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... uses like avant-garde music. Therefore, by ordering the output melodies within the output midi file based on rhythmic **weight**, where those with **higher rhythmic weights** are placed first in the output file, when a **user** listens or **views** to the output file those permutations with **higher rhythmic weights** will be listened to or viewed first.

29/5,K/24 (Item 24 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00903251 **Image available**

SYSTEM AND METHOD FOR PERFORMING CONTENT EXPERIENCE MANAGEMENT
SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER LA GESTION D'EXPERIMENTATION DE
CONTENUS

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200237334 A1 20020510 (WO 0237334)

Application: WO 2001US42842 20011030 (PCT/WO US0142842)

Priority Application: US 2000243862 20001030

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/60 ; G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 20189

English Abstract

A system and method for content experience management is disclosed. The system includes content (102), user (104) and client (106) databases, and a recommendation engine (108) and server (112) that facilitates the delivery, presentation, and management of several types of content by businesses to design meaningful, lasting and effective experiences for consumers. The method and computer program product keeps consumers utilizing a new media device engaged, communicates brand messages, and develops consumer loyalty via a variety of touchpoints (116). The business would employ the system described herein to return appropriate experience enhancing content to the consumer. The experience enhancing content is selected by the recommendation engine based databases. The content is then presented to the consumer as part of the Web browsing experience. The consumer's reactions are correlated to the content delivered and sent to the business as "feedback data". Because the system is outcome-focused, the feedback data are forwarded to the system.

French Abstract

La presente invention concerne un systeme et un procede permettant de gerer des experiences de contenus. Le systeme comprend des bases de donnees de contenus (102), d'usagers (104) et de clients (106) ainsi qu'un moteur (108) et un serveur (112) de recommandations qui contribuent a distribuer, presenter et gerer plusieurs types de contenu par des entreprises pour concevoir des experiences significatives, durables et efficaces destinees aux consommateurs. Le procede et le produit de programme d'ordinateur permettent de retenir les consommateurs au moyen d'un nouveau dispositif mediatique connecte, de communiquer des messages de marques et de forger la fidelite des consommateurs au moyen d'une pluralite de kiosques multimedia (116). L'entreprise peut donc employer ce systeme pour renvoyer au consommateur du contenu approprie ameliorant l'experience. Le contenu ameliorant l'experience est selectionne par les bases de donnees fondees sur le moteur de recommandations. Le contenu est ensuite presente au consommateur dans le cadre d'une experience d'exploration Web. Les reactions du consommateur sont correlees au contenu distribue et envoyees a l'entreprise en tant que <= donnees de retroaction >=. Etant donne que le systeme est centre sur le resultat, les donnees de retroaction sont renvoyees au systeme.

Legal Status (Type, Date, Text)

Publication 20020510 A1 With international search report.

Publication 20020510 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/60 ...

Fulltext Availability:

Claims

Claim

... in

response to the user accessing the Web site;
a step for selecting a content **file** using a **weighted** recommendation subroutine; a step for the **client** forwarding the **selected** content file to the user at the Web site; a step for monitoring the user...

29/5,K/27 (Item 27 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00833695 **Image available**

A SYSTEM AND METHOD FOR PROVIDING AN INTELLIGENT MULTI-STEP DIALOG WITH A USER

SYSTEME ET PROCEDE SERVANT A FOURNIR UN DIALOGUE INTELLIGENT A PLUSIEURS ETAPES AVEC UN UTILISATEUR

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200167225 A2-A3 20010913 (WO 0167225)

Application: WO 2001US7056 20010306 (PCT/WO US0107056)

Priority Application: US 2000187472 20000306

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

International Patent Class: G06F-009/44

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 22469

English Abstract

A method and system are disclosed for retrieving information through the use of a multi-stage interaction with a client to identify particular knowledge content associated with a knowledge map. The present invention is an application program running on a server accessed via the world-wide web or other data network using standard Internet protocols, a web browser and web server software. In addition to an automated portion, the present invention allows a human dialog designer to model the way the system elicits information, giving a human feel to the dialog and a better customer experience. In operation, users start a dialog by directing their web browser to a designated web page. This web page asks the user some initial questions that are then passed to a dialog engine. The dialog engine then applies its methods and algorithms to a knowledge map, using dialog control information/and the user's responses to provide feedback to the user. The feedback may include follow-up questions, relevant documents, and instructions to the user (e.g., instructions to contact a human customer service representative). This dialog engine response is rendered as a web page and returned to the user's web browser. The user can then respond further to the follow-up questions he or she is presented, and the cycle repeats. The invention can be implemented so that it can interact with customers through a wide variety of communication channels including the Internet, wireless devices (e.g., telephone, pager, etc.), handheld devices such as a Personal Data Assistant (PDA), email, and via a telephone where the automated system is delivered using an interactive voice response (IVR) and/or speech-recognition system.

French Abstract

L'invention concerne un procede et un systeme servant a recuperer des informations par l'utilisation d'une interaction a plusieurs etapes avec un client pour identifier un contenu de connaissance particulier associe a une table de connaissance. L'invention concerne un programme d'application s'executant sur un serveur accessible par le Web ou par un autre reseau de donnees a l'aide de protocoles Internet standard, d'un explorateur Web et d'un logiciel de serveur Web. En plus d'une partie automatisee, la presente invention permet a un concepteur de dialogue humain de concevoir la facon dont le systeme obtient des informations,

donnant ainsi une touche humaine au dialogue avec une meilleure experience du client. En fonctionnement, les utilisateurs entament un dialogue en naviguant avec leur explorateur Web vers une page Web precise. Cette page Web pose a l'utilisateur quelques questions initiales qui sont ensuite transmises a un moteur de dialogue. Le moteur de dialogue applique alors ses methodes et algorithmes a une table de connaissance en utilisant des informations de commande de dialogue et les reponses de l'utilisateur pour fournir une retroaction a l'utilisateur. La retroaction peut inclure des questions de controle, des documents pertinents et des instructions destines a l'utilisateur (par exemple, des instructions pour contacter un representant du service clientele humain). Cette reponse du moteur de dialogue est restituee sous forme de page Web et renvoyee a l'explorateur Web de l'utilisateur. L'utilisateur peut alors continuer a repondre aux questions de controle qui lui sont adressees et le cycle se repete. Il est possible de mettre en oeuvre l'invention de sorte qu'elle interagisse avec les clients par l'intermediaire d'une large gamme de voies de communication, notamment l'Internet, des dispositifs sans fil (par exemple, telephone, radiomessageur, etc.), des dispositifs portatifs tels qu'un assistant personnel, une messagerie electronique, et par l'intermediaire d'un telephone ou le systeme automatise est fourni a l'aide d'un systeme interactif de reponse vocale ou d'un systeme de reconnaissance de la parole.

Legal Status (Type, Date, Text)

Publication 20010913 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20020117 Late publication of international search report

Republication 20020117 A3 With international search report.

Examination 20020117 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... A Web form.

The Session State output contains some or all of the following.

Tag **Records** : Concept-Node Name, **Weight** , Context Type (as discussed above)

Question String: **user** input text

Dialog **Action** Records: Dialog Action Type, Sequence ID, KC External ID

Search Space **Record** : KC External ID, **Weight** , **Rank**

Search Query String: **text** formulated by Search Engine to produce the Search Space

Interaction with Search and Retrieval Engines...

? t29/5, k/29, 31, 33, 35, 38, 40

29/5, K/29 (Item 29 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00811474 **Image available**

SYSTEM AND METHOD FOR MANAGING ADVERTISEMENT AND INFORMATION DISPLAYS ON VEHICLES BASED ON AN E-COMMERCE SITE

SYSTEMES, PROCEDES ET PROGRAMMES D'ORDINATEUR SERVANT A PRESENTER DES INFORMATIONS SUR DES SIGNES

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200145065 A2-A3 20010621 (WO 0145065)

Application: WO 2000US34549 20001215 (PCT/WO US0034549)

Priority Application: US 99170914 19991215; US 2000226000 20000816

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G09F-021/04

International Patent Class: G08G-001/09; **G06F-017/60** ; G01C-015/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 45613

English Abstract

A system shows messages on electronic displays, including networks of outdoor displays, such as displays mounted on vehicles. With such vehicle displays, a display's current geographical location can be sensed, such as by a GPS receiver in the vehicle or by multiple wireless receivers separate from the vehicle. The sensed location can then be used to select which messages are shown the display. Different values can be associated with showing messages on displays at different locations and times, and values associated with the locations and time through which a display travels can be summed, such as for charging advertisers or crediting vehicle operators. The system can be controlled by a computer system, such as an e-commerce site, which allows advertisers to upload message content, select messages, and select the time and place at which a messages is to be shown, either directly or by specifying criteria for the system to select such times and places. Message content and information controlling which messages are shown when and where can be downloaded to display, such as by wireless.

French Abstract

Selon l'invention, un systeme presente des messages sur des ecrans electroniques, notamment des reseaux d'ecrans de presentation en plein air, tels que ceux qu'on monte sur des vehicules. Avec de tels ecrans montes sur des vehicules, le lieu géographique courant d'un ecran peut

etre detecte, par exemple au moyen d'un recepteur GPS place dans le vehicule ou de plusieurs recepteurs sans fil places hors du vehicule. Le lieu detecte peut ensuite etre utilise comme critere de choix pour determiner quels messages seront presentes. Differentes valeurs peuvent etre associees a la presentation des messages sur des ecrans a differents lieux ou heures, et des valeurs associees a des lieux ou a des heures de deplacement d'un ecran peuvent etre calculees, notamment pour debiter des annonceurs publicitaires ou pour crediter des operateurs de vehicules. Le systeme peut etre pilote par un systeme informatique, tel qu'un site de commerce electronique, qui permet aux annonceurs publicitaires de telecharger des contenus de message, de selectionner des messages, et de choisir l'heure et le lieu auxquels un message doit etre presente, soit directement soit en fonction de criteres precis obligeant le systeme a choisir ces heures et ces lieux. Les contenus de message et l'information servant a determiner les messages a presenter ainsi que l'heure et le lieu de presentation peuvent etre telecharges aux fins de leur affichage, notamment par un moyen sans fil. Des cameras peuvent etre associees aux ecrans et utilisees pour fournir des informations concernant l'audience potentielle a retenir comme critere de choix de l'heure et du lieu de presentation des messages. Ces cameras peuvent egalement etre utilisees pour rassembler d'autres types d'informations, tels que des informations relatives a la circulation routiere ou a la meteo. Des informations relatives aux images ou a la vitesse peuvent etre combinees a partir de plusieurs ecrans, puis distribuees, notamment par presentation sur les ecrans du systeme.

Legal Status (Type, Date, Text)

Publication 20010621 A2 Without international search report and to be republished upon receipt of that report.

Examination 20011101 Request for preliminary examination prior to end of 19th month from priority date

Search Rpt 20020131 Late publication of international search report

Republication 20020131 A3 With international search report.

...International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... remaining period of time. The method selects which of possible messages to show on an **individual display** as a function of the relative values of the desired display **rates** associated with different **messages**, so as to favor the selection of messages having a **higher** desired display **rate**. The method then uses information that a given message has been selected to be shown...

29/5,K/31 (Item 31 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00809347 **Image available**

METHODS AND SYSTEMS FOR SELECTING TRAVEL PRODUCTS

PROCEDES ET SYSTEMES PERMETTANT DE SELECTIONNER DES PRODUITS DE VOYAGE

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200142963 A2-A3 20010614 (WO 0142963)

Application: WO 2000US33437 20001207 (PCT/WO US0033437)

Priority Application: US 99226442 19991207

Designated States: AG AT AU BB BR CA CN DE DK ES FI GB IL IN IS JP MX NZ PL
PT RU SE SG TR UA ZA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: G06F-017/60

International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5733

English Abstract

A system for selecting travel products is described. The methods and system of the invention enable a travel agent or client to search a travel database that contains information about: (i) technical specifications about a travel product; (ii) price information for the travel product; (iii) comparative pricing information about the travel product, e.g., travel specials; (iv) graphical and pictorial information about the travel product; (v) sales and promotional messages; (vi) a uniform resource locator (URL) address for a Web site containing information and hyperlinks to other Internet sites of interest on the Worldwide Web; or (vii) on virtual faxes. The methods and system of the present invention enable the travel agent to search a remotely located travel database using a wide range of selection criteria and provide the supplier of travel products with a comparatively inexpensive and rapid method for distributing information about all their travel products using a system of virtual faxes. The methods and systems of searching, retrieving and distributing information using this invention may be applied to other areas requiring rapid distribution of information to a geographically disperse group of users.

French Abstract

L'invention concerne un systeme permettant de selectionner des produits de voyage. Les procedes et les systemes de l'invention permettent a un agent de voyage ou a un client de chercher dans une base de donnees de voyage, des donnees se rapportant (i) aux specifications techniques concernant le produit de voyage, (ii) aux informations concernant le prix du produit de voyage, (iii) aux informations comparatives sur les prix concernant le produit de voyage, comme les occasions de voyage, par exemple, (iv) aux informations graphiques concernant le produit de voyage, (v) aux messages de vente et de promotion, (vi) a une adresse de localisateur de ressources universel (URL) d'un site Web contenant les informations et les hyperliens conduisant a d'autres sites Internet interessants sur le Web, ou (vii) aux faxes virtuels. Les procedes et les systemes de la presente invention permettent a l'agent de voyage de consulter une base de donnees de voyage situee a distance par l'intermediaire d'une large gamme de criteres de selection, et fournissent a l'agent de voyage un procede lui permettant de distribuer de facon relativement economique et rapide des informations concernant ses produits de voyage par l'intermediaire d'un systeme de faxes virtuels. Les procedes et les systemes de recherche, de recuperation et de distribution d'informations utilisant cette invention peuvent etre appliques a d'autres domaines necessitant une distribution rapide des informations vers un groupe d'utilisateurs geographiquement disperse.

Legal Status (Type, Date, Text)

Publication 20010614 A2 Without international search report and to be
republished upon receipt of that report.
Examination 20010927 Request for preliminary examination prior to end of
19th month from priority date
Search Rpt 20021128 Late publication of international search report
Republication 20021128 A3 With international search report.

Main International Patent Class: G06F-017/60
International Patent Class: G06F-017/30
Fulltext Availability:
Detailed Description

Detailed Description

... and data record C, selection criteria x (207). The results of the
search may be **displayed** on the **user** 's Web enabled device 208 or
processed filaher.
The data **records** selected may be **rank** -ordered as follows. The
software of the invention allows assignment of a numerical weight factor
...

29/5,K/33 (Item 33 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00805848 **Image available**

HYPERVIDEO TRACKING AND REPORTING SYSTEM

SYSTEME D'ETABLISSEMENT DE RAPPORT ET DE SUIVI DU COMPORTEMENT DE
L'UTILISATEUR DANS UN SYSTEME HYPERVIDEO

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Patent Applicant/Inventor:

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Legal Representative:

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Yam Center, 7 Shenkar Street, 46725 Herzlia, IL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139485 A2-A3 20010531 (WO 0139485)

Application: WO 2000IL784 20001123 (PCT/WO IL0000784)

Priority Application: US 99167165 19991123

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04H-009/00

International Patent Class: H04N-007/16; G06F-015/16; G06F-007/00 ;

G06F-017/30; G06F-009/45

Publication Language: English

Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 6913

English Abstract

The present invention facilitates tracking and reporting of user behavior in a hypervideo system. The system provides tracking and recording of media viewed by a user, where media comprises hypervideo video-enhanced pages and other media types. The system is operable to create a user-configurable report (101), comprising data regarding user use of the media, such as indicating the number of times each media has been viewed (102) and indicating the number of times each path has been taken through each hypervideo application.

French Abstract

La presente invention concerne un systeme d'etablissement de rapport et de suivi du comportement de l'utilisateur dans un systeme hypervideo. Ce systeme permet de suivre et d'enregistrer les medias visualises par l'utilisateur, les medias comprenant les pages renforcees video du systeme hypervideo et d'autres types de medias. Ce systeme permet de creer un rapport pouvant etre configure par un utilisateur et comprenant des donnees concernant l'utilisation des medias par l'utilisateur, notamment le nombre de visualisation de chaque media et le nombre de voie empruntee par une application hypervideo.

Legal Status (Type, Date, Text)

Publication 20010531 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20020207 Late publication of international search report
Republication 20020207 A3 With international search report.
Examination 20021227 Request for preliminary examination prior to end of 19th month from priority date

...International Patent Class: G06F-007/00

Fulltext Availability:
Claims

Claim

... a media.

12 The method of claim 1, wherein the report comprises the average time **users** spent **viewing** each media. . The method of claim 1, wherein the **report sorts** media by the number of times each media has been viewed.

14 The method of...

29/5,K/35 (Item 35 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00799844 **Image available**

SYSTEM AND METHOD FOR RETRIEVING INFORMATION WITH NATURAL LANGUAGE QUERIES
SYSTEME ET PROCEDE POUR RETROUVER DES INFORMATIONS PAR DES INTERROGATIONS
EN LANGAGE NATUREL

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(Residence), DE (Nationality), (Designated only for: US)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200133414 A2 20010510 (WO 0133414)

Application: WO 2000EP10454 20001024 (PCT/WO EP0010454)

Priority Application: DE 19952769 19991102

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9803

English Abstract

A search machine finds and ranks documents in a database based on a set of rules that match characteristics of the database with a natural language query. The system includes a lexicon component which may parse the query and the database into words and word stems. Thereafter, the query and documents may be vectorized such that the elements of the vector correspond to a given word stem, and the value of the element in the vector corresponds to the number of occurrences of the word in the document. The vectorized query is then compared and evaluated against each of the vectorized documents of the database to obtain a ranked list of documents from the database. The user may evaluate the documents found and provide information back to the search machine in order to adjust, for example, the ranking produced by the search machine. In this way, the search machine can fine tune its search and ranking technique to meet the user's specific criteria.

French Abstract

Une machine de recherche a pour but de rechercher et de classer des documents dans une base de donnees conformement a un ensemble de regles adaptant les caracteristiques de la base de donnees a des interrogations en langage naturel. Le systeme comprend un composant lexique qui peut analyser la question et la base de donnees en mots et radicaux. Apres quoi, la question et les documents peuvent etre vectorises de telle facon que les elements du vecteur correspondent a une racine de mots determinee, et que la valeur de l'element dans le vecteur corresponde au nombre de fois que le mot se presente dans le document. La question vectorisee est ensuite comparee et evaluee par rapport a chacun des documents vectorises de la base de donnees, de maniere a obtenir une liste classee de documents provenant de la base de donnees. L'utilisateur peut evaluer les documents trouves et fournir des informations en retour a la machine de recherche en vue d'ajuster, par exemple, le classement fourni par la machine de recherche. De cette maniere, la machine de recherche peut mettre au point de facon plus precise sa recherche et son classement en vue de repondre aux criteres specifiques de l'utilisateur.

Legal Status (Type, Date, Text)

Publication 20010510 A2 Without international search report and to be republished upon receipt of that report.

Fulltext Availability:
Detailed Description

Detailed Description

... for each document in the
database 110. Such a list may be presented to the **user** ,
or used to **display** interactively the actual text of the
documents that were **ranked** in the search.

The **vector** evaluator 142 and its application
of the **vector** rule base 1431 in determining a documents
relevance to the query document 10 may be...

29/5,K/38 (Item 38 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784131

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A MULTI-OBJECT FETCH
COMPONENT IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR COMPOSANT DE RECUPERATION
MULTI-OBJET DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES
D'INFORMATIONS

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116723 A2-A3 20010308 (WO 0116723)

Application: WO 2000US24083 20000831 (PCT/WO US0024083)

Priority Application: US 99386238 19990831

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/44

International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 150940

English Abstract

A system, method, and article of manufacture are provided for retrieving
multiple business objects across a network in one access operation. A
business object and a plurality of remaining objects are provided on a
persistent store. Upon receiving a request for the business object, it is

established which of the remaining objects are related to the business object. The related objects and the business object are retrieved from the persistent store in one operation and it is determined how the retrieved related objects relate to the business object and each other. A graph of relationships of the business and related objects is instantiated in memory.

French Abstract

La presente invention concerne un systeme, un procede et un article manufacture destine a la recuperation de plusieurs objets d'affaires dans un reseau en une operation d'accès. A cet effet, on dispose dans une memoire permanente d'un objet d'affaire et d'une pluralite d'objets restants. Des la reception d'une requete se rapportant a un objet d'affaires, on recherche deux des objets restants qui sont en relations avec l'objet d'affaires. Une seule operation permet ainsi de recuperer dans la memoire permanente ces objets ainsi que l'objet d'affaires. Il ne reste plus qu'a determiner les relations existant d'une part entre les objets consideres et d'autre part entre ces objets et l'objet d'affaires. Une instantiation d'un graphique des relations entre les objets et l'objet d'affaire est conservee en memoire.

Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be republished upon receipt of that report.
Examination 20010809 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20020912 Late publication of international search report
Republication 20020912 A3 With international search report.

Fulltext Availability: Detailed Description

Detailed Description

... managing field inter-dependencies and invoking application logic based on the state of fields and **user actions**.

For example, the Field Interaction Manager may disable the "OK" button until all required input...

29/5,K/40 (Item 40 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00746276

LOCATING INFORMATION ON AN OPTICAL MEDIA DISC TO MAXIMIZE THE RATE OF TRANSFER

LOCALISATION DES INFORMATIONS SUR UN DISQUE SUPPORT OPTIQUE POUR AUGMENTER LA VITESSE DE TRANSFERT

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Legal Representative:

SCOTTI Robert F, Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, Suite 1600, One World Trade Center, 121 SW Salmon Street, Portland, OR 97204, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200058958 A1 20001005 (WO 0058958)
Application: WO 2000US3352 20000209 (PCT/WO US0003352)

Priority Application: US 99282582 19990331

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G11B-007/26

International Patent Class: G11B-007/28; G11B-007/007; G11B-007/00;

G06F-003/06

Publication Language: English

Filing Language: English

Fulltext Availability:.

Detailed Description

Claims

Fulltext Word Count: 15313

English Abstract

A user-interactive program assists a user in locating files on optical media discs such as CD-ROMs and DVDs to enhance file-transfer rates and program installation times in computers with a Constant Angular Velocity (CAV) optical media disc drive. In addition, an application program calculates an optimal location for files and/or directories on an optical media disc so that the files are located near the location with the highest data transfer rate. This program may be used to compute an image file that defines where data will be located on an optical disc, or may be used to control transfer of data to the optical media disc.

French Abstract

L'invention porte sur un programme interactif pour utilisateur l'aidant a localiser les fichiers figurant sur un disque support optique tel qu'un C.D. ou un CVD afin d'accroitre la vitesse de transfert des fichiers et le temps d'installation de programmes dans un ordinateur muni d'une unite de disque optique a vitesse angulaire constante (CAV). En outre un programme d'application calcule l'emplacement optimal des fichiers et/ou des repertoires sur le disque optique pour que les fichiers soient places a proximite de l'emplacement ou la vitesse de transfert est la plus elevee. Ce programme peut servir a calculer un fichier image definissant ou les donnees seront placees sur un disque optique ou pourront servir a commander le transfert de donnees vers le disque support optique.

Legal Status (Type, Date, Text)

Publication 20001005 A1 With international search report.

Publication 20001005 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20010111 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... computer
readable files;
displaying the optical media disc image file order list;
in response to user input, selecting files or directories from the displayed list to have a higher data transfer rate than the unselected files or directories; and controlling transfer of the files

of the optical media disc image file...
? t29/5,k/42-43,47,51-55

29/5,K/42 (Item 42 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00733714 **Image available**

METHOD FOR RETRIEVING SEMANTICALLY DISTANT ANALOGIES

PROCEDE PERMETTANT DE RETROUVER DES ANALOGIES SEMANTIQUEMENT ELOIGNEES

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except: US)

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200046701 A1 20000810 (WO 0046701)

Application: WO 2000US3120 20000207 (PCT/WO US0003120)

Priority Application: US 99119134 19990208; US 99134592 19990517

Designated States: US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 40938

English Abstract

A process of identifying terms or sets of terms in target domains having functional relationships (roles) analogous to terms (contained in the query) selected from a source domain whereby query-relevant but semantically distant (novel) analogies may be retrieved, corresponding to any user defined query. The process is capable of discovering deep functional analogies between terms in source and target domains, even where there is a misleading superficial matching of terms (i.e. same terms, with different meanings) between the query and the target domains. The process comprises the automated generation of abstract representations of source domain content, and application of the abstract representations of content to the efficient discovery of analogous objects in one or more semantically distant target domains. Said abstract representations of terms are preferably vectors in a high dimensionality space, encapsulating characteristic occurrence patterns of terms in the source domain.

French Abstract

L'invention concerne un procede permettant d'identifier des termes ou des ensembles de termes dans des domaines cibles qui ont des relations fonctionnelles (fonctions) analogues aux termes (contenus dans la demande) selectionnes dans un domaine source, et permettant de retrouver des analogies relevant de la demande mais semantiquement eloignees (nouvelles), en reponse a n'importe quelle demande definie par l'utilisateur. Ce procede permet de decouvrir des analogies fonctionnelles profondes entre des termes du domaine source et ceux du domaine cible, meme lorsqu'il existe une association superficielle de

termes pretant a confusion (p. ex. termes identiques de significations differentes) entre la demande et les domaines cible. Ce procede comprend une generation automatisee de representations abstraites du contenu du domaine source, ces representations abstraites de contenu etant ensuite appliquees en vue d'une decouverte efficace d'objets analogues dans un ou plusieurs domaines cible semantiquement eloignes. Ces representations abstraites de termes sont de preference des vecteurs dans un espace dimensionnel important, qui encapsulent des structures de frequence caracteristiques de termes dans le domaine source.

Legal Status (Type, Date, Text)

Publication 20000810 A1 With international search report.

Publication 20000810 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... below.

It has also been considered to employ known techniques of user feedback optimization, whereby highly ranked records or record portions from an initial search (query, or user - selected -term) on the target domains, which records the user selects as particularly relevant to his needs, are utilized in focusing the results of subsequent searches...

29/5,K/43 (Item 43 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00543749 **Image available**

AN IMPROVED INFORMATION RETRIEVAL SYSTEM UTILIZING PROBABILITIES

SYSTEME AMELIORE DE RECHERCHE D'INFORMATIONS FAISANT APPEL A DES PROBABILITES

Patent Applicant/Assignee:

GTE INTERNETWORKING INCORPORATED,

Inventor(s):

SCHWARTZ Richard M,

MILLER David R H,

LEEK Timothy R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200007122 A1 20000210 (WO 0007122)

Application: WO 99US16983 19990728 (PCT/WO US9916983)

Priority Application: US 98127685 19980731

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU

TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

International Patent Class: G10L-009/06

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7469

English Abstract

Methods and systems consistent with the present invention provide an improved IR system that performs information retrieval by using probabilities. When performing information retrieval, the improved IR system utilizes both the prior probability (410) that a document is relevant independent of the query as well as the probability that the query was generated by a particular document given that the particular document is relevant (414). By using these probabilities, the improved IR system retrieves documents (416) in a more accurate manner than conventional systems which are based on an ad hoc approach.

French Abstract

les procedes et le systeme selon l'invention assurent une meilleure recherche des informations par recours aux probabilites. Pour la recherche d'informations, ce systeme ameliore fait intervenir deux probabilites: une probabilite anterieure (410) selon laquelle un document est pertinent independamment de l'interrogation, et une autre probabilite (414) selon laquelle l'interrogation a ete emise pour un document determine pour autant que ce document soit pertinent (414). Grace a ces probabilites, le systeme de recherche de l'information retrouve des documents (416) avec plus de precision que les systemes traditionnels bases sur une approche ponctuelle.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... rel I features(d)

1 2

After factoring in the prior probability, the query engine **ranks** each of the **documents** by the final **score** (step 412). In this step, the query engine may only **display** to the **user** a predetermined number of **documents** having the **highest scores**.

Although a ranking has been generated, the query engine performs a second pass, as described...

29/5,K/47 (Item 47 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00449250 **Image available**

INFORMATION RETRIEVAL UTILIZING SEMANTIC REPRESENTATION OF TEXT
EXTRACTION D'INFORMATIONS PAR REPRESENTATION SEMANTIQUE DU TEXTE

Patent Applicant/Assignee:

MICROSOFT CORPORATION,

Inventor(s):

MESSERLY John J,
HEIDORN George E,
RICHARDSON Stephen D,
DOLAN William B,
JENSEN Karen,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9839714 A1 19980911

Application: WO 98US3005 19980211 (PCT/WO US9803005)

Priority Application: US 97886814 19970307

Designated States: CN JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8231

English Abstract

The present invention is directed to performing information retrieval utilizing semantic representation of text. In a preferred embodiment, a tokenizer generates from an input string information retrieval tokens that characterize the semantic relationship expressed in the input string. The tokenizer first creates from the input string a primary logical form characterizing a semantic relationship between selected words in the input string. The tokenizer then identifies hypernyms that each has an "is a" relationship with one of the selected words in the input string. The tokenizer then constructs from the primary logical form one or more alternative logical forms. The tokenizer constructs each alternative logical form by, for each of one or more of the selected words in the input string, replacing the selected word in the primary logical form with an identified hypernym of the selected word. Finally, the tokenizer generates tokens representing both the primary logical form and the alternative logical forms. The tokenizer is preferably used to generate tokens for both constructing an index representing target documents and processing a query against that index.

French Abstract

L'invention concerne l'extraction d'informations au moyen d'une representation semantique du texte. Dans un mode de realisation prefere, un jetoneur genere, a partir d'une extraction d'informations de chaine d'entree, des jetons qui caracterisent la relation semantique exprimee dans ladite chaine d'entree. A partir de celle-ci, le jetoneur commence par creer une forme logique primaire caracterisant une relation semantique entre des mots selectionnes dans ladite chaine. Il identifie des hyperonymes ayant chacun une relation "est un" avec l'un des mots selectionnes de la chaine d'entree. Il construit a partir de la premiere forme logique une ou plusieurs formes logiques de substitution. Il construit chaque forme logique de substitution en remplaçant, pour chaque mot selectionne ou davantage de la chaine d'entree, le mot selectionne dans la premiere forme logique par un hyperonyme identifie du mot selectionne. Pour finir, il genere des jetons representant aussi bien la forme logique primaire que les formes logiques de substitution. Le jetoneur est de preference utilise pour generer des jetons qui permettent de construire un index representant des documents cibles, ainsi que pour traiter une demande par comparaison avec ledit index.

Fulltext Availability:

Detailed Description

Detailed Description

... be normalized using a number of other normalization techniques, including cosine measure normalization, sum of term weights normalization, and maximum term weights normalization.

After calculating normalized scores for each matching document, the facility ranks the matching documents in order of the normalized scores for the documents. A user may preferably select one of the matching documents from the ranked list to obtain a location of the matching tokens in that document, or to display...

DIALOG(R)File 349:PCT FULLTEXT
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00368277

MULTILINGUAL DOCUMENT RETRIEVAL SYSTEM AND METHOD USING SEMANTIC VECTOR MATCHING

SYSTEME DE RECHERCHE DE DOCUMENTS MULTILINGUES ET PROCEDE UTILISANT LA MISE EN CORRESPONDANCE DE VECTEURS SEMANTIQUES

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PAIK Woojin,
YU Edmund S,
LI Ming,

Inventor(s):

LIDDY Elizabeth D,
PAIK Woojin,
YU Edmund S,
LI Ming,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9708604 A2 19970306
Application: WO 96US13342 19960814 (PCT/WO US9613342)
Priority Application: US 952473 19950816

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG
AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/28

International Patent Class: G06F-17:30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13054

English Abstract

A document retrieval system (20) where a user can enter a query, including a natural query, in a desired one of a plurality of supported languages, and retrieve documents from a database (60) that includes documents in at least one other language of the plurality of supported languages. The user need not have any knowledge of the other languages. Each document in the database is subjected to a set of processing steps to generate a language-independent conceptual representation of the subject content of the document. The query is also subjected to a (possibly different) set of processing steps to generate a language-independent conceptual representation of the subject content of the query. Documents are matched to queries based on the conceptual-level contents of the document and query, and, optionally, on the basis of the term-based representation.

French Abstract

Cette invention concerne un systeme de recherche de documents dans lequel un utilisateur peut soumettre une interrogation, y compris une interrogation en langage naturel, dans une langue choisie parmi une pluralite de langues disponibles, et rechercher des documents dans une base de donnees qui comporte des documents dans au moins un autre langue appartenant a l'ensemble des langues disponibles. L'utilisateur peut n'avoir aucune connaissance des autres langues. Chaque document de la base de donnees est soumis a un ensemble de phases de traitement dans le but de produire une representation conceptuelle, non liee a une langue,

du contenu dudit document. Ceci est normalement effectuee avant que l'interrogation ne soit entree. L'interrogation est egalement soumise a un ensemble (eventuellement different) de phases de traitement dans le but de produire une representation conceptuelle, non liee a une langue, du contenu de l'interrogation. On peut egalement soumettre interrogations et documents a une analyse supplementaire afin de disposer de representations terminologiques supplementaires, notamment une extraction des termes et expressions riches en information (tels que les noms propres). Les documents sont mis en correspondance avec les interrogations sur la base de leurs contenus de niveau conceptuel, et eventuellement sur la base de la representation terminologique. La representation de l'interrogation est ensuite comparee a la representation de chaque document de maniere a produire une mesure du rapport existant entre le document et l'interrogation.

Fulltext Availability:
Detailed Description

Detailed Description

... a new, "informed" query vector. The "informed" query vector will be matched against all document **vectors** in the corpus or those that have already passed the cut-off filter. Relevant **documents** will be re-**ranked** and re-clustered.

1. Combinina of **Vectors** . The **vector** for the original query and all **user - selected documents** are **weighted** and combined to form a new, single **vector** for re-ranking and re-Clustering.
2. Re-Matching and Rankina of Corpus Documents with...

29/5,K/52 (Item 52 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00321195 **Image available**

METHOD AND APPARATUS FOR SEARCHING FOR INFORMATION IN A DATA PROCESSING SYSTEM

PROCEDE ET APPAREIL POUR RECHERCHER DES INFORMATIONS DANS UN SYSTEME DE TRAITEMENT DES DONNEES

Patent Applicant/Assignee:

APPLE COMPUTER INC,

Inventor(s):

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MARTHERUS Robin E,
VAUGHAN Gregory B,
HOLLOWAY Matthew,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9603703 A1 19960208

Application: WO 95US9019 19950717 (PCT/WO US9509019)

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IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD
SE SG SI SK TJ TM TT UA UG UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description
Claims
Fulltext Word Count: 15427

English Abstract

A method and apparatus for processing information in a data processing system which is coupled to an information storage device having information stored therein. The method includes defining on a first processor a first search request which includes at least one parameter which specifies a first desired type of information. In performing a first search using the first request to determine whether the first type of desired information is stored in the information storage device. While performing the first search the first processor executes another process associated with searching for information in the data processing system. This other process typically includes defining a further search request and performing a further search using the further search request while the first search is being performed. The apparatus of the present invention includes a first processor coupled to the information storage device and a second processor coupled to a network to the first processor. An input device is coupled to the first processor which is used to define a first search request. According to another aspect of the invention, a first search request may be defined and the performance of the first search request may be scheduled such that a first search may be performed at a first scheduled search time or a report of the first search may be retrieved at a first scheduled time. A report in summary format is generated following performance of the first search at the first scheduled search time.

French Abstract

L'invention concerne un procede et un appareil pour traiter des informations dans un systeme de traitement des donnees couple a un dispositif de memorisation de l'information contenant des informations memorisees. Le procede consiste a definir sur un premier processeur une premiere demande de recherche qui comprend au moins un parametre specifiant un premier type d'information souhaite. Une premiere recherche est effectuee au moyen de la premiere demande pour determiner si le premier type d'information souhaite est memorise dans le dispositif de memorisation des informations. Pendant qu'il execute la premiere recherche, le premier processeur effectue une autre operation associee avec la recherche d'informations dans le systeme de traitement des donnees. Cette autre operation comprend habituellement la definition d'une autre demande de recherche et l'execution d'une autre recherche au moyen d'une autre demande de recherche pendant que la premiere recherche se deroule. L'appareil selon la presente invention comprend un premier processeur couple au dispositif de memorisation des informations et un second processeur couple a un reseau du premier processeur. Un dispositif d'entree est couple au premier processeur qui est utilise pour definir une premiere demande de recherche. Selon un autre aspect de l'invention, on peut definir une premiere demande de recherche et on peut programmer l'execution de la premiere demande de recherche de maniere a ce qu'une premiere recherche puisse s'effectuer pendant un premier temps de recherche programme ou qu'un rapport soit emis sur la premiere recherche, pendant un premier temps programme. Un rapport en format "resume" est produit apres l'execution de la premiere recherche pendant le premier temps de recherche programme.

Main International Patent Class: G06F-017/30
Fulltext Availability:
Detailed Description

Detailed Description

... to retrieve and present to the user. This is provided in order to allow the **user** to **view** and **2 0** select the most relevant articles as the searching software **ranks** the retrieved **documents** by relevance according to well known document **vectors** which include parameters such as the number of times a particular desired word (which was...

...software to retrieve and display a particular document. That is, if the user sets a **higher ranking** than one star as shown in **3 0 Figure 4a** then only those **documents** meeting that minimum **ranking**, in terms of relevance **ranking**, will be retrieved by the search software for **display** to the **user** within the lower portion of search window **401**. It will be appreciated that ranking is...

29/5,K/53 (Item 53 from file: 349)
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00321194

**METHOD AND APPARATUS FOR SEARCHING FOR INFORMATION IN A NETWORK
PROCEDE ET APPAREIL DE RECHERCHE D'INFORMATIONS DANS UN RESEAU**

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CASSERES David,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9603702 A1 19960208

Application: WO 95US9018 19950717 (PCT/WO US9509018)

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GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: **G06F-017/30**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12927

English Abstract

A method and apparatus for maintaining information in a network of computer systems and for controlling the display of searchable information. The apparatus includes a first processor having a first display device and being coupled to an information storage device having information stored in at least one information source, where the first processor is coupled to a network. An input device is coupled to the first processor, where the input device is for selecting the information source to provide a selected information source which is to be unavailable for searching. A second processor having a second display device is coupled to the network to communicate with the first processor. The second display device is for displaying an indicia of information source, where the second display device displayed the indicia of the information source when the information source has not been selected by the input device. When the input device has selected the information source the indicia at some point in time after the information source has

been selected is no longer displayed on the second display device. The method includes displaying on a first display device to a first indicia which corresponds to an information source stored on an information storage device. The method further includes displaying on the second display device a second indicia corresponding to the information source, this second indicia being displayed when the information source is not selected by the input device. When the information source is selected, at some time after selection, the second indicia is longer displayed on the second display device.

French Abstract

L'invention concerne un procede et un appareil de maintien d'informations dans un reseau de systemes d'ordinateurs et pour commander l'affichage d'informations susceptibles d'etre cherchees. L'appareil comporte un premier processeur comportant un premier dispositif d'affichage et couple a un dispositif de memorisation des informations comportant des informations memorisees dans au moins une source d'informations, le premier processeur etant couple a un reseau. Un dispositif d'entree est couple au premier processeur, ce dispositif d'entree etant prevu pour selectionner la source d'informations afin de fournir une source d'informations selectionnee qui doit etre non disponible pour une recherche. Un second processeur comportant un second dispositif d'affichage est couple au reseau pour communiquer avec le premier processeur. Le second dispositif d'affichage est prevu pour afficher un signe de la source d'informations, le second dispositif d'affichage affichant le signe de la source d'information lorsque la source d'informations n'a pas ete selectionnee par le dispositif d'entree. Lorsque le dispositif d'entree a selectionne la source d'informations, le signe n'est plus affiche sur le second dispositif d'affichage a un moment donne apres que l'on a selectionne la source d'information. Le procede consiste a afficher sur un premier dispositif d'affichage un premier signe qui correspond a une source d'informations memorisee dans le dispositif de memorisation d'informations. Le procede consiste en outre a afficher sur le second dispositif d'affichage un second signe correspondant a la source d'informations, ce second signe etant affiche lorsque la source d'informations n'est pas selectionnee par le dispositif d'entree. Lorsque la source d'informations a ete selectionnee, le second signe n'est plus affiche sur le second dispositif d'affichage a un moment donne apres la selection.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... to retrieve and present to the user. This is provided in order to allow the **user** to **view** and **select** the most relevant articles as the searching software **ranks** the retrieved **documents** by relevance according to well known document **vectors** which 0 include parameters such as the number of times a particular desired word (...software to retrieve and display a particular document. That is, if the user sets a **higher ranking** than one star as shown in Figure 4a then only those **documents** meeting that minimum **ranking**, in terms of relevance **ranking**, will be retrieved by the search software for **display** to the **user** within the lower portion of search window 401. It will be appreciated that ranking is...

29/5,K/54 (Item 54 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00311300 **Image available**

SYSTEM FOR DIRECTING RELEVANCE-RANKED DATA OBJECTS TO COMPUTER USERS
SYSTEME PERMETTANT DE DIRIGER DES DONNEES CLASSEES SELON LEUR PERTINENCE A
DES UTILISATEURS D'ORDINATEURS

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TIENE Kevin,
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IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD
SE SG SI SK TJ TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: **G06F-017/30**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6614

English Abstract

An information access system stores items of information in an unstructured global database. When a user requests access to the system, the system delivers to that user an identification of only those items of information which are believed to be relevant to the user's interest. The determination as to the items of information that are relevant to a user is carried out by ranking each available item in accordance with any one or more techniques. In one approach, the content of each document is matched with an adaptive profile of a user's interest. In another approach, a feedback mechanism is provided to allow users to indicate their degree of interest in each item of information. These indications are used to determine whether other users, who have similar or dissimilar interests, will find a particular item to be relevant.

French Abstract

Systeme d'accès a des informations qui met en memoire des elements d'information dans une base de donnees globale non structuree. Lorsqu'un utilisateur demande l'accès au systeme, ledit systeme fournit a cet utilisateur une identification des seuls elements d'information consideres comme pertinents pour les interets de l'utilisateur. La determination de la pertinence des elements d'information pour un utilisateur est effectuee par classement de chaque element disponible selon une ou plusieurs techniques. Dans une approche proposee, le contenu de chaque document est compare a un profil adaptatif des interets d'un utilisateur. Dans une autre approche, un mecanisme de reaction permet aux utilisateurs d'indiquer leur degre d'interet pour chaque element d'information. Ces indications sont utilisees pour determiner si d'autres utilisateurs qui ont des interets similaires ou differents trouveront pertinent un element particulier d'information.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... the user.

Once the messages have been ranked, a list is formed in which the messages are sorted from highest to lowest ranking .

The list of ranked messages is provided to the client program, which

displays some number of them through a suitable interface. One example of such an interface is...fixed, e.g. twenty-five, so that only the twenty-five current messages having the highest ranking are presented to the user. Alternatively, only those messages whose ranking value exceeds a certain limit can be displayed. Preferably, the selection threshold can be changed by the user.

When the user desires to view any particular message shown in the window 26, that message is selected within the window...

29/5,K/55 (Item 55 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00311299 **Image available**

SYSTEM FOR RANKING THE RELEVANCE OF INFORMATION OBJECTS ACCESSED BY COMPUTER USERS

SYSTEME PERMETTANT DE CLASSER PAR ORDRE D'IMPORTANCE LA PERTINENCE D'OBJETS D'INFORMATION AUXQUELS ONT ACCES DES UTILISATEURS D'ORDINATEURS

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SE SG SI SK TJ TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR

GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5826

English Abstract

Information presented to a user via an information access system is ranked according to a prediction of the likely degree of relevance to the user's interests. A profile of interests is stored for each user having access to the system. Items of information to be presented to a user are ranked according to their likely degree of relevance to that user and displayed in order of ranking. The prediction of relevance is carried out by combining data pertaining to the content of each item of information with other data regarding correlations of interests between users. A value indicative of the content of a document can be added to another value which defines user correlation, to produce a ranking score for a document. Alternatively, multiple regression analysis or evolutionary programming can be carried out with respect to various factors pertaining to document content and user correlation, to generate a prediction of relevance. The user correlation data is obtained from feedback information provided by users when they retrieve items of information. Preferably, the user provides an indication of interest in each document which he or she retrieves from the system.

French Abstract

Des informations presentees a un utilisateur par l'intermediaire d'un systeme d'accès aux informations sont classees selon une prevision de leur degre vraisemblable de pertinence au vu des interets de l'utilisateur. Un profil d'interets est mis en memoire pour chaque utilisateur ayant acces au systeme. Des elements d'information a presenter a un utilisateur sont classes selon leur degre vraisemblable de pertinence pour ledit utilisateur et affichees selon l'ordre de classement. La prevision de pertinence est effectuee par combinaison de donnees relatives au contenu de chaque element d'information avec d'autres donnees relatives a des correlations d'interets entre les utilisateurs. Une valeur indicatrice du contenu d'un document peut etre ajoutee a une autre valeur qui definit une correlation entre utilisateurs, pour produire un chiffre de classement pour ledit document. Dans une variante, une analyse de regression multiple ou une programmation evolutive peuvent etre effectuees sur la base de divers facteurs relatifs au contenu du document et a la correlation entre utilisateurs, pour produire une prevision de la pertinence. Les donnees de correlation entre utilisateurs sont obtenues a partir de reactions communiquees par les utilisateurs lorsqu'ils recuperent des elements d'information. De preference, l'utilisateur fournit une indication de son interet pour chaque document qu'il recupere dans le systeme.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... user are ranked. Those messages which are particularly pertinent to the user's interests are **highly ranked**, whereas junk mail **messages** are given a low ranking.

A list of the **ranked messages** is provided to the **client** program, which

displays some number of them through a suitable interface. Preferably, the **messages** are **sorted** and displayed in order from the highest to the lowest ranking. One example of such...

?